HITACHI
Inspire the Next

HA8000V シリーズ

Service Pack for HA8000V (SPH)

Version 6.94 12

Readme

２０２５年８月

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1. はじめに

このたびは、日立アドバンストサーバ HA8000V シリーズをご利用いただき誠にありがとうございます。
ご使用になる前に、必ず本内容をご確認ください。

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1.2 注意事項

(1) 本書は改良のため，予告なしに変更することがあります。
(2) Service Pack for HA8000V のご使用に当たっては、<CD ドライブ>¥EULA に格納された「エンドユーザー使用許諾契約書」をお読みください。
(3) Service Pack for HA8000V に瑕疵が無いことを保証するものではありません。
(4) Service Pack for HA8000V は、「3 適用機種及びＯＳ」記載のプラットフォームでご使用いただけます。
(5) 天災、人災、事故等で Service Pack for HA8000V 使用中に電源が切れますとシステム装置が正常に動作しなくなることがありますので十分に気を付けてください。
(6) お客様は、Service Pack for HA8000V 並びに本書の全部又は一部を単独で又は他の情報等と組み合わせ、直接又は間接に以下に該当する取扱いをする場合、「外国為替及び外交貿易」の規制及び米国輸出管理規制等外国の輸出関連法規を確認し、適正な手続きを行う必要があります。
- 輸出するとき。
- 海外へ持ち出すとき。
- 非居住者へ提供し、又は使用させるとき。
- 上記に定めるほか、「外国為替及び外国貿易法」又は外国の輸出関連法規に定めがあるとき。

(7) マニュアル『HA8000V シリーズ 重要事項および読替ガイド』には、各種マニュアルをご覧いただく際、事前にご理解いただくべき内容を記載しています。こちらも合わせてご参照ください。マニュアルは『ドキュメントポータル』の「マニュアル ＞ サーバ」-「HA8000V シリーズ」より参照いただけます。

本ファイルに含まれている、いかなるファイルの内容の全部またはその一部を、無断で掲載またはコピーすることを固く禁じます。

1.3 変更履歴

発行日	変更内容
２０２５年5月	初版
２０２５年8月	VMware ESXi™ 9.0 対応

2. Service Pack for HA8000V（ＳＰＨ)について

Service Pack for HA8000V(以降 SPH と呼びます)は、１台または複数台の HA8000V サーバのファームウェア/システムソフトウェアの更新を簡素化するソリューションです。
SPH には、サーバ/コントローラ/ストレージのファームウェア/ドライバ/ユーティリティパッケージが含まれます。また、SPH に収録されている Smart Update Manager(以降 SUM と呼びます)は、更新されたファームウェアおよびシステムソフトウェアをデプロイする推奨ツールです。
SPH/SUM を使うことで、ファームウェアおよびシステムソフトウェアのオンラインアップデートが可能となります。アップデート操作を SUM に統合することにより、個々の HA8000V サーバのアップデートが迅速になり、システム全体のアップデート時間を短縮することができます。

SPH は定期的にリリースされます。最新版の SPH を使用して更新することを推奨します。

3. 適用機種及びＯＳ

SPH のバージョン及び適用機種/適用 OS の組み合わせについては、「Service Pack for HA8000V 補足資料(Readme)」の『サポートモデル/OS 一覧』を参照ください。

3.1 適用機種

- HA8000V/DL20 Gen10 (U43)
- HA8000V/DL20 Gen10 Plus (U60)
- HA8000V/DL360 Gen10 (U32)
- HA8000V/DL360 Gen10 Plus (U46)
- HA8000V/DL380 Gen10 (U30)
- HA8000V/DL380 Gen10 Plus (U46)
- HA8000V/DL580 Gen10 (U34)
- HA8000V/ML30 Gen10 (U44)
- HA8000V/ML30 Gen10 Plus (U61)
- HA8000V/ML350 Gen10 (U41)

3.2 適用 OS

- Microsoft® Windows Server® 2025
- Microsoft® Windows Server® 2022
- Microsoft® Windows Server® 2019
- Red Hat® Enterprise Linux® Server 9.4
- Red Hat® Enterprise Linux® Server 8.10
- VMware ESXi™ 9.0
- VMware ESXi™ 8.0

4. 変更内容

本章では、今回のリリースの変更内容を記載しています。

4.1 新規サポート内容

(1) 追加サポート機種及びＯＳ

•追加サポート機種

なし

•追加サポートＯＳ

- Red Hat® Enterprise Linux® Server 9.4
- Red Hat® Enterprise Linux® Server 8.10
- VMware ESXi™ 9.0

(2) 追加サポートデバイス

なし

(3) サポート除外機種及びＯＳ

•サポート除外機種

なし

•サポート除外ＯＳ

- Red Hat® Enterprise Linux® Server 8.9
- VMware ESXi™ 7.0

4.2 更新内容

『6.3 パッケージの変更内容』を参照ください。

5. 注意事項

本章では、SPH をご使用になる上で、注意頂く内容を記載しています。

5.1 ドライバ・ユーティリティなどの適用について

最新のドライバ・ファームウェア・ユーティリティなどを、「日立アドバンスドサーバ HA8000V シリーズホームページ」で提供しております。

各アップデートプログラムの適用についてはお客様責任にて実施していただきますが、システム装置を安定してご使用いただくためにも、ホームページの[サポート]ー[ダウンロード] に定期的にアクセスして、最新のドライバ・ファームウェア・ユーティリティへ更新していただくことをお勧めします。

5.2 OS の新規・再セットアップの場合の注意事項

OS の新規・再セットアップの際、OS セットアップ前にオフライン展開モードを使用してファームウェアを更新してください。OS セットアップ後のオンライン展開モードでの SPH 初回適用では、SUM インベントリ結果の「推奨されたコンポーネント」にファームウェアが選択されていないことを確認してから、適用してください。

「推奨されたコンポーネント」にファームウェアが選択された場合は、ファームウェアコンポーネントを

除外し、ドライバ/ユーティリティコンポーネントのインストールを先に実施してください。これにより、デバイスの検出及びファームウェアの書き込みに適切なドライバ/ユーティリティがインストールされます。ドライバ/ユーティリティのインストール後は、OS を再起動し、再度 SUM を実行してファームウェアの更新を行ってください。
SUM でファームウェアコンポーネントを除外し、ドライバ/ユーティリティコンポーネントのみのインストールを指定するには、次の手順により行います。

GUI の場合：

SUM を起動し、「展開サマリー(Deployment summary)」画面右上の[アクション(Actions)]-[アドバンストオプション(Advanced Options)]から「アドバンストオプション(Advanced Options)」画面を開き、“インストールオプション(Installation Options) “の項目で“ソフトウェアのアップグレード(Upgrade Software) “を選択し、“OK“ボタンを押してください。

CLI の場合：

"--softwareonly"パラメータを使用してください。
例) # ./smartupdate --s --softwareonly

5.3 SUM によるアップデート時の注意事項

⑴ ファームウェア/ドライバの依存関係について
アップデート対象のファームウェア/ドライバには依存関係を持つ場合があり、一度の SUM の実行では全て更新できない場合があります。このため、SUM アップデート後、全ての更新対象がアップデートされているかを確認してください。もし、アップデートされていないパッケージがある場合、再度 SUM を実行してください。全てアップデートされたかは、次の手順により確認できます。

GUI の場合：

SUM を起動し、「展開サマリー(Deployment summary)」画面にて、「推奨されたコンポーネント」数表示が、”0”となっていることを確認してください。

CLI の場合：

"--report"パラメータを使用してレポート作成し、作成されたレポートを参照してください。レポート出力先は画面に表示されます。レポートを参照し、"Install Needed"の項目が、"0"となっていることを確認してください。
例) # ./smartupdate --report

⑵ 適用バージョンについて
SUM を使用して更新作業を行う場合、適用対象として自動選択されるものは、新規にインストールされるもの、および SPH 収録バージョンが適用済みバージョンより新しいものとなります。

ネットワークアダプタ及びファイバーチャネルホストバスアダプタは、SPH 収録のドライバ/ファームウェアの組み合わせでご使用いただくことを推奨しています。適用済みバージョンが SPH 収録済みバージョンより新しい場合、該当コンポーネントが適用対象として自動選択されません。その場合、以下の手順で対

象コンポーネントを手動で選択し、適用してください。

【手動適用方法】
SUM を起動し、「展開サマリー(Deployment summary)」画面で、「コンポーネントの選択状態」が「選択」表示(※)となっているコンポーネントを確認し、ネットワークアダプタファームウェアまたは、ファイバーチャネルホストバスアダプタのファームウェアの場合は、当該コンポーネントを選択(※)して、”展開(Deploy)”ボタンを押してください。
※：コンポーネントが選択されると、「コンポーネントの選択状態」が、「選択済み」もしくは「強制」と表示されます。

【注意】
デバイスによっては、適用バージョンに関して、個別にアドバイザリが発行されている場合があります。本ファームウェアの適用に当たっては、アドバイザリを参照してください。

⑶ SUM の展開モードに関する補足説明
SUM にはいくつかのアップデート方法(展開モード)があります。展開モードにより、対象 OS/更新対象および利用形態が異なりますので、以下の表を参照の上、展開モードを決定してください。

SUM 展開モード		展開対象 OS(※１)			更新対象		iso イメージの利用形態	
		Windows	RHEL	VMware	ファームウェア	ソフトウェア(ドライバ, ユーティリティ等)	ファイル(※４)	媒体書き込み(※５)
オンライン	ローカル	○	○	－	○	○	○	○
	リモート(※２)(OS を介したアップデート)	○	○	－	○	○	○	○
	リモート(※３)(iLO レポジトリアップデート)	○	○	○	○	○	○	○
オフライン		○	○	○	○	－	－	○

※１：ゲスト OS は対象外。
※２：対象ノードにホスト OS の IP アドレスを指定した場合。
※３：対象ノードに iLO アドレスを指定した場合。対象ノードのホスト OS に iSUT 及び AMS のインストール・設定が必要
※４：ダウンロードまたはコピーした、ストレージデバイス上の iso イメージファイル。
※５：iso イメージを書き込んだ、DVD/USB 等のブータブルメディア。

⑷ SUM GUI での適用パッケージの選択について
SUM GUI を使用している場合、インベントリが完了すると展開(Deploy)するパッケージの確認画面が表示

されます。

確認画面では、選択した SPH/ベースラインに含まれる更新パッケージのうち、対象装置に適用可能なパッケージが表示され、適用が推奨される(現在のバージョンより新しい)パッケージが展開対象として自動的に選択されます。(選択されたパッケージは、行背景が反転し「選択済み」(選択済み)または「Selected」(Selected)ボタン表示となります。ボタンをクリックすると、選択が解除され「選択」(選択)「Select」(Select)ボタン表示となります。)

自動選択されなかったパッケージは、「強制」(強制)または「Force」(Force)ボタンをクリックすることで強制的に適用対象とすることができます。(強制適用を選択した場合、行背景が反転し「強制」(強制)「Forced」(Forced)ボタンで表示されます。)

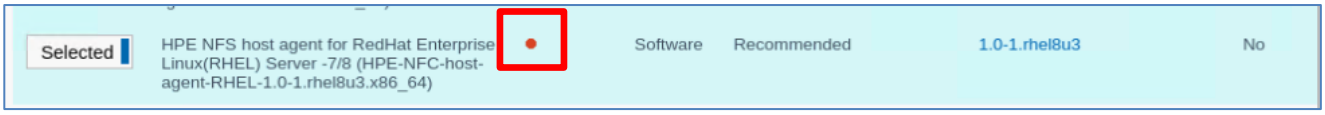
【注意】
ファームウェア/ドライバ/ユーティリティは、別途ご案内のない限り、最新のものをご使用いただくことを推奨しています。特に、強制適用を選択した場合、選択したバージョンが古いとダウングレードとなりますので、意図せずダウングレードしてしまうことが無いよう、操作には注意してください。

⑸ Linux 環境における適用パッケージのＯＳライブラリ依存について
Linux 環境で利用するパッケージには、特定の OS ライブラリを前提とするものがあります。そのパッケージを適用する際、前提とする OS ライブラリが事前にインストールされていない場合、インベントリ完了後、または展開(Deploy)完了後に依存関係エラーとなります。

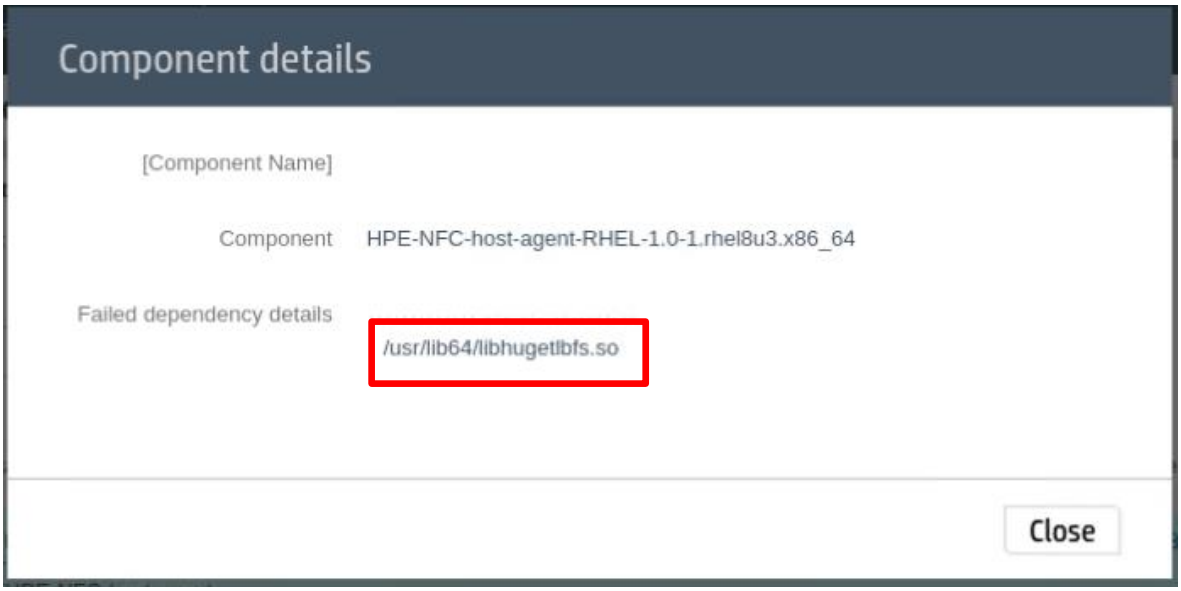
エラーが発生する場合、以降記述の各エラー表示例をご参照頂き、依存ファイルとして表示されるファイル/ライブラリをインストール後、再度 SPH を適用して下さい。

なお、依存する OS ライブラリは、依存関係解消後に新たな依存関係が発生する場合があり、その場合は依存関係エラーが解消するまで、SPH 適用を繰り返す必要があります。

【インベントリ完了後のエラー表示】
エラーが発生したパッケージは、赤丸(赤枠内)で表示されます。



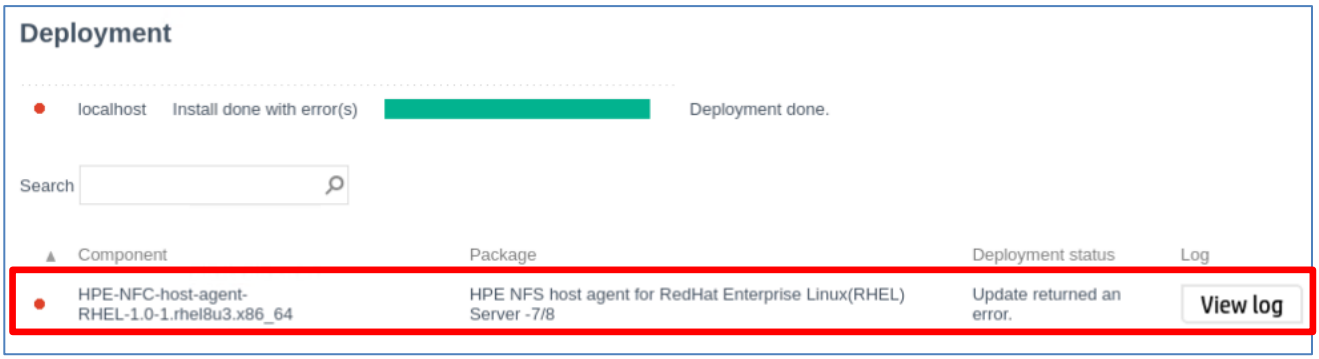
上記赤枠内の赤丸をダブルクリックすると次のダイアログが表示され、”Failed dependency details”として、インストールが必要となるファイル/ライブラリが表示されます。(赤枠内)



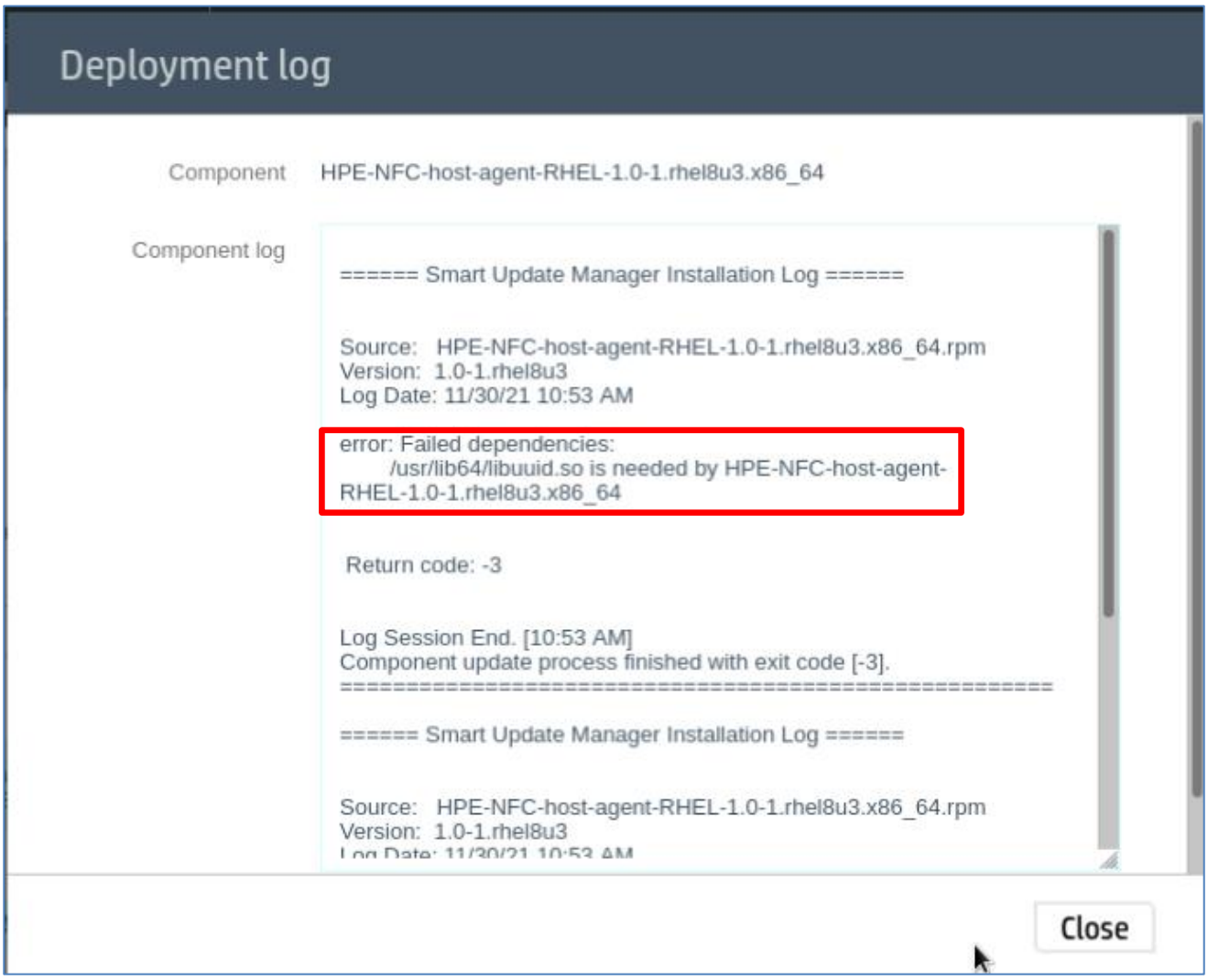
上記の例では、インストールが必要となるファイル/ライブラリとして、”libhugetlbfs.so”を示しています。

【展開(Deploy)完了後のエラー表示】

エラーが発生したパッケージは、赤丸(赤枠内)で表示されます。



上記赤枠内の”View log”をクリックすると次のダイアログが表示され、”error: Failed dependencies:”として、インストールが必要となるファイル/ライブラリが表示されます。(赤枠内)



上記の例では、インストールが必要となるファイル/ライブラリとして、”libuuid.so”を示しています。

⑹ iLO レポジトリを利用したアップデートについて

コンポーネントの形式によって、iLO レポジトリを使用した iLO 経由でコンポーネントが展開(Deploy)されます。iLO レポジトリにアップロードされたコンポーネントは、インストールキューに追加され順次展開されていきます。

この時、キューに追加された途中のコンポーネントで展開エラーが発生した場合、以降のコンポーネントは展開保留状態となります。その状態のコンポーネントがキューに存在すると、以降 iLO レポジトリを利用したアップデートができません。

次に示すエラー状態を参照の上、上記状態と判断できる場合は、インストールキューに残っているコンポーネントをすべて削除し、再度 SPH を適用してください。

【エラーが発生した場合のインストールキューの状態】

iLO WEB インタフェースの[ファームウェア & OS ソフトウェア]>[インストールキュー]ページを参照しま

す。

「例外」及び「保留」状態となっているパッケージが表示されている場合、「全て削除」ボタンをクリックして、キューに登録されたコンポーネントを削除してください。

(7) SUM 実行でのインベントリ失敗時の対応について

SUM は、アップデートに必要となるデバイスならびにソフトウェア等の情報を iLO 経由で取得します。iLO の状態により、まれに情報取得できないことがあり、以下に示すようにインベントリに失敗します。

【インベントリ失敗時の表示例】

SUM を再実行しても本エラーが解消されない場合は、下記のいずれかの手順を実施してください。

(1) iLO の再起動（リセット）を実施してください。詳細は『iLO 5 x.xx ユーザーガイド』(※)の「iLO の再起動（リセット）」を参照してください。『iLO 5 x.xx ユーザーガイド』は、「日立アドバンスドサーバ HA8000V シリーズ ホームページ」に掲載されている「製品マニュアル」よりダウンロードしてください。
(2) オンラインアップデート(OS 稼働中のアップデート)の場合、装置の再起動を実施してください。
(3) 装置の給電を停止(電源ケーブルの抜去や UPS の出力停止等)後、10 秒待った後に給電を再開してください。

※x.xx の部分にはバージョンが入ります。

⑻ DVD 容量を超えた SPH 媒体の作成について

ファイルサイズが 7.9GB を超える SPH iso イメージは、DVD Dual-Layer(2 層)メディアに入りきらず、SUM オフライン展開モードで必要となるブータブルメディアを作成することができません。
この対処として、SPH に収録している USB Key Utility(Windows アプリ)を使用して、ブート可能な USB フラッシュドライブ(USB キー)を作成することができます。以下、USB キーの作成方法を示します。

【USB Key Utility 使用上の注意】

- 32 ビットオペレーティングシステムではご利用になれません。
- 最大 32GB の USB フラッシュドライブが利用可能です。
- iso イメージサイズより大きいストレージ容量を備える USB フラッシュドライブが必要です。
- ターゲット USB フラッシュドライブ上のすべてのデータが削除されます。データを事前にバックアップしてください。

【USB キー作成手順】

(1) Windows PC で SPH iso イメージをマウントし、"<マウントドライブ>:¥usb¥usbkey"フォルダに格納された"usbkey.exe"をダブルクリックします。
(2) USB Key Utility のスプラッシュ画面(起動画面)が表示されたら、「次へ」をクリックします。
(3) 「エンドユーザー使用許諾契約書」を確認したら、『同意する』をチェックし「次へ」をクリックします。
(4) 『CD/DVD から起動可能な USB キーを作成』をチェックし、「次へ」をクリックします。
(5) 画面表示に従って、ご利用 PC の空いている USB ポートに、USB キー作成用の USB フラッシュドライブを挿入して、「次へ」をクリックします。
(6) 下記の通りメディアを選択し、「次へ」をクリックします。
   - 「ソース CD/DVD の選択」で、『ISO ファイルのブラウズ』をチェックし、USB フラッシュドライブへ書き込む SPH iso イメージファイルを指定します。
   - 「ターゲット USB キーのドライブ文字の選択」で、挿入した USB フラッシュドライブを選択します。(対象のドライブが見つからない場合は、「ターゲット再スキャン」をクリックしてください。再スキャンしても表示されない場合は、別の USB フラッシュドライブを挿入してください。)

(7) 警告メッセージを確認し「次へ」をクリックします。(USB フラッシュドライブがフォーマットされ、ソースの内容が USB フラッシュドライブにコピーされます。)

(8) 正常に作成されたメッセージが表示されたら、「完了」をクリックします。

5.4 SUM でのランゲージパックバージョン表示と適用について

SUM(Smart Update Manager)で表示される、適用中のランゲージパックのバージョンが正しく表示されない場合があります。正しいバージョンを確認するためには、iLO WEB インタフェースの[管理]＞[言語]ページより現在適用中の言語パックのバージョンをご確認下さい。

また、この結果、SUM でランゲージパックが適用対象として正しく選択されない可能性があります。

目的のバージョンのランゲージパックが適用されていないのに、SUM 実行後の「展開サマリー」画面で、ランゲージパックが適用対象として選択されない場合があります。この場合は、ランゲージパックを手動で選択し展開を実施してください。

目的のバージョンのランゲージパックが適用済みであっても、SUM 実行後の「展開サマリー」画面で、ランゲージパックが適用対象として自動的に選択されている場合があります。この場合は、ランゲージパックの適用は不要ですので、選択を解除してから展開を実施してください。

5.5 SUM での iLO を使用したランゲージパック適用に関する制限事項

SUM で対象ノードとして、システム装置の iLO を追加(ノードの IP アドレスに iLO の IP アドレスを指定、ノードタイプに iLO を選択)した場合、ランゲージパックが対象に含まれず更新されません。ランゲージパックは別途下記方法にて更新ください。

- SUM をローカルホスト上で実行(※)
- SUM で対象ノードとしてシステム装置の OS の IP アドレスを指定して実行(※)
- iLO WEB インタフェースを使用して実行

※：対象ノードが VMware の場合は使用不可

【iLO WEB インタフェースからの更新手順】

(1) 以下の手順で、事前に SPH package ファイルからランゲージパックファイルを取り出してください。

Windows 上で、SPH の packages ディレクトリ下にある、『6.2.9 Firmware - Lights-Out Management』の「Language Pack - Japanese」に掲載されている”cp******.exe”を実行してください。パッケージセットアップが起動するので「解凍」を選択し、任意のディレクトリにパッケージを展開してください。展開したディレクトリから、”lang_ja_***.lpk”を取り出してください。

(2) 装置のシャットダウンを行ってください。

(3) iLO WEB インタフェースの「ファームウェア & OS ソフトウェア」タブを開いてください。

(4) 「ファームウェアアップデート」をクリックし、「ローカルバイナリファイル」に先ほど取り出したランゲージパックファイルを指定し、「フラッシュ」を選択してください。

(5) 2～3 分後に完了のメッセージが表示されます。その後 iLO が自動的に再起動します。

5.6 ASR(Automatic Server Recovery)について

ASR(Automatic Server Recovery)はブルースクリーン等の致命的な OS のエラーが発生したときに自動的にシステムの復旧をするべくサーバの再起動をおこなう機能です。IP(version 3.10 以降)を使った OS のインスト

ール又は SPH(version 3.00 以降)の適用、その他の方法による ASR ドライバのインストールにより ASR が自動的に有効になります。ASR が不要な場合や Alive Monitor、IPMI WDT 等の他の OS 死活監視を使う場合は ASR を無効化してください。

5.6.1 ASR 操作用の PowerShell スクリプトの入手について

ASR の有効/無効の確認並びに切り替えは ASR ドライバのパッケージに同梱されている PowerShell スクリプトを使って行います。以下を参照して PowerShell スクリプトを入手してください。

(1) ASR ドライバのパッケージを展開します

SPH の packages ディレクトリ下にあるファイル群の中から、下表の各 OS バージョンに対応した『6.2.7 Driver - System Management』の「Package filename」欄記載のファイルを実行してください。パッケージセットアップが起動するので解凍を選択し、任意のディレクトリにパッケージを展開してください。

No.	Windows バージョン	Description
1	Windows Server 2019	iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2016 and 2019
2	Windows Server 2022	iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2022
3	Windows Server 2025	iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2025

(2) PowerShell スクリプトを確認してください

展開したパッケージの中の scripts ディレクトリ下に下記の 3 つの PowerShell スクリプトが含まれている事を確認してください。必要に応じて任意のディレクトリにコピーしてください。

Get-AsrSettings.ps1

Set-AsrPreTimeoutNMI.ps1

Set-AsrTimeout.ps1

5.6.2 ASR の確認方法

Windows の PowerShell より Get-AsrSettings.ps1 を実行してください。TimeoutInMinutes が 0 又は、コマンドの実行がエラーとなった場合 ASR は無効になっています。

実行例その 1(TimeoutInMinutes が 0 の場合)

```
PS C:¥Users¥Administrator¥Desktop> .¥Get-AsrSettings.ps1
Active                : True
EnablePreTimeoutNMI : True
InstanceName          : PCI¥VEN_103C&DEV_3306&SUBSYS_00E41590&REV_07¥4&154b2d14&0&00E4_0
TimeoutInMinutes      : 0
PSComputerName        :
```

実行例その 2(コマンドの実行がエラーとなる場合)

```
PS C:¥Users¥Administrator¥Desktop> .¥Get-AsrSettings.ps1
Get-CimInstance : 無効なクラスです
発生場所 C:¥Users¥Administrator¥Desktop¥Get-AsrTimeout.ps1:25 文字:1
+ Get-CimInstance -Namespace "root¥wmi" -ClassName "HP_iLO_ASR_Settings ...
+ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
    + CategoryInfo          : MetadataError: (root¥wmi:HP_iLO_ASR_Settings:String) [Get-CimInstance], CimException
    + FullyQualifiedErrorId : HRESULT 0x80041010,Microsoft.Management.Infrastructure.CimCmdlets.GetCimInstanc
eCommand
```

5.6.3 ASR の無効化方法

Windows の PowerShell より以下のオプションで Set-AsrTimeout.ps1 を実行してください。

Set-AsrTimeout.ps1 -Disable

実行例

```
PS C:¥Users¥Administrator¥Desktop> .¥Set-AsrTimeout.ps1 -Disable
```

5.6.4 ASR の有効化方法

Windows の PowerShell より以下のオプションで Set-AsrTimeout.ps1 を実行してください。

Set-AsrTimeout.ps1 -Default

実行例

```
PS C:¥Users¥Administrator¥Desktop> .¥Set-AsrTimeout.ps1 -Default
```

5.7 VMware をご使用にあたっての注意事項

5.7.1 ファームウェアの適用について

システム装置を安定してご使用いただくためには、ご使用の VMware バージョンに合わせたファームウェアを適用頂く必要があります。

VMware 環境でのファームウェアの適用にあたっては、SUM のリモートオンライン 展開モード及びオフライン 展開モードが利用できます。(VMware バージョンと利用可能な SPH 及び展開モードについては、「Service Pack for HA8000V 補足資料(Readme)」の『サポートモデル/OS 一覧』を参照ください。)

【リモートオンライン 展開モードを使用する場合】
本モードでは、ファームウェアに加えてドライバのアップデートも可能です。
事前に「iSUT」のインストール及び ESXi ホストに対する設定が必要です。
「iSUT」が未インストールの場合、『5.7.2 iSUT のインストール』記載の手順に従ってインストールしてください。ESXi ホストに対しては、以下の設定をアップデート作業前に実施して下さい。

(1) ファームウェア/ドライバのアップデート作業を行う間は、ESXi ホストをメンテナンスモードに設定してください。
(2) ESXi ホストをノードとして追加する場合、対象ノードとしてシステム装置の iLO を追加(ノードの IP アドレスに iLO の IP アドレスを指定、ノードタイプに iLO を選択)してください。
(3) ファームウェア/ドライバのアップデートを有効化するためには VMware ESXi の再起動が必要です。アップデート後自動的に再起動させる場合は、再起動オプションを使用してください。

【オフライン 展開モードを使用する場合】
SPH の iso イメージを格納した媒体をサーバに取り付け、媒体よりサーバをブートします。

なお、各 VMware バージョンと SPH サポート情報の詳細は、「日立アドバンスドサーバ HA8000V シリーズホームページ」の[製品]ー[OS、ISV 情報]にある『VMware』に掲載している注意事項をご参照の上、推奨ドライババージョンをご確認ください。

5.7.2 iSUT のインストール

VMware システムに対して、SPH/SUM を使用しファームウェア/ドライバのアップデートを行うには、ESXi ホストに iSUT をインストールする必要があります。iSUT インストール後は、リモート PC から SUM の『リモートオンライン』展開モードを使用して ESXi ホストのファームウェア/ドライバのアップデートを行うことができます。

ESXi ホストに iSUT をインストールする手順を次に示します。次のインストール手順では、データストア名を「datastore1」としています。使用環境にあわせて読み換えてください。

(1) iSUT は SPH の packages ディレクトリに収録されています。下表に示す zip ファイルを展開し、iSUT のオフラインバンドル(zip ファイル)を取り出してください。

No.	VMware バージョン	SPH package ファイル名	オフラインバンドルファイル名
1	VMware ESXi™ 8.0	cp064330.zip	sutComponent:800.6.0.0.37-*.zip
2	VMware ESXi™ 9.0		

(2) 取り出した iSUT のオフラインバンドルを VMware ESXi の「datastore1」直下へに転送してください。
(3) VMware ESXi のコンソール画面で「F2」キーを押すと Login 画面が表示されるので、root ユーザーでログインします。
(4) 「System Customization」画面が表示されるので、「Troubleshooting Options」を選択し、「Enter」キーを押下します。

(5)「Enable ESXi Shell」を選択し、「Enter」キーを押下して ESXi Shell を ”Enable” に変更します。
(6)「Alt」+「F1」キーを押下し、VMware ESXi の Shell 画面を開き、root ユーザーでログインします。
(7) 次のコマンドを実行しインストールします。

```
esxcli software vib install -d /vmfs/volumes/datastore1/〈転送したバンドルファイル名〉
```

(8) VMware ESXi を再起動してください。
(9) 再起動後、再度 VMware ESXi の Shell 画面を開き、root ユーザーでログインします。
(10) 次のコマンドを実行し、iSUT を AutoDeployReboot モードに設定します。

```
sut –set mode=autodeployreboot
```

(11) 作業終了後、OnDemand モードに変更します。iSUT を AutoDeployReboot モードに設定すると、iSUT が常駐し常時稼働し続けます。アップデート作業時以外は iSUT の稼働は不要ですので、常駐解除することを推奨します。iSUT を OnDemand モードに設定するには、次のコマンドを実行してください。

```
sut –set mode=ondemand
```

5.7.3 iLO セキュリティ設定を〝高セキュリティ〟にした装置で iSUT を使用する場合について
（1）iLO の認証情報設定
iLO を"高セキュリティ"設定にした状態で iSUT を使うためには、以下のいずれかの設定が必要です。

①iSUT への認証情報設定
②iLO のセキュリティ条件の変更(iLO FW v1.4.0 以降のみ設定可能)

①iSUT への認証情報設定
iSUT に iLO の認証情報を設定します。設定方法は、ESXi ホスト上で以下を実行します。

```
sut -set ilousername=<username>
Please provide the iLO password: <******>
```

【注意】
認証情報の設定は、iSUT が OnDemand モードの状態で設定してください。AutoDeployReboot モードで設定した場合、認証情報が有効にならない場合があります。

②iLO のセキュリティ条件の変更
iLO で"ホスト認証が必要"を「無効」に設定します。
iLO の Web 画面で[セキュリティ]-[アクセス設定]と画面遷移し、iLO の項目にある「ホスト認証が必要」の設定を「無効」に設定してください。

⑵ iSUT の設定確認・変更
ESXi ホスト上で ”sut -status” を実行し、iSUT の設定が ”EnableiLOQueuedUpdates=true”となっていることを

確認してください。"false“の場合は、ESXi ホスト上で以下を実行してください。

```
sut -set enableiloqueuedupdates=true
```

5.7.4　ドライバパラメータ再設定について

本 SPH を使用して VMware ドライバをアップデートした場合、ネイティブ ドライバが適用されます。ご使用の VMware 環境で VMKLinux ドライバをご使用の場合、ドライバが変更され、設定されているドライバパラメータが初期化されます。この問題を回避するために、ドライバアップデート後、ドライバパラメータを再設定してください。

【対象製品及びドライバ種】

下表に記載している対象製品並びにアップデート前のドライバ種をご使用の場合が対象となります。

対象製品		ドライバ種	
形名(*1)	製品名(旧品名)	アップデート前 (VMKLinux)	アップデート後 (ネイティブ)
TQ-N□□-817745-B21 TQ-N□□-817738-B21	Ethernet 10Gb 2-port FLR-T X550-AT2 Adapter(Ethernet 10Gb 2 ポート 562FLR-T ネットワークアダプタ) Ethernet 10Gb 2-port BASE-T X550-AT2 Adapter(Ethernet 10Gb 2 ポート 562T ネットワークアダプタ)	net-ixgbe	ixgben
TQ-N□□-665240-B21 TQ-N□□-652497-B21 TQ-N□□-811546-B21	Ethernet 1Gb 4-port FLR-T I350-T4V2 Adapter(Ethernet 1Gb 4 ポート 366FLR ネットワークアダプタ) Ethernet 1Gb 2-port BASE-T I350-T2V2 Adapter(Ethernet 1Gb 2 ポート 361T ネットワークアダプタ) Ethernet 1Gb 4-port BASE-T I350-T4V2 Adapter(Ethernet 1Gb 4 ポート 366T ネットワークアダプタ)	igb	igbn
TQ-N□□-727054-B21 TQ-N□□-727055-B21	Ethernet 10Gb 2-port FLR-SFP+ X710-DA2 Adapter(Ethernet 10Gb 2 ポート 562FLR-SFP+ネットワークアダプタ) Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter(Ethernet 10Gb 2 ポート 562SFP+ネットワークアダプタ)	i40e	i40en

(*1)：□には製品構成などにより異なった英数字が入ります。

【再設定手順】

⑴ ドライバパラメータの確認及び記録

ドライバのアップデート前に、以下コマンドを実行し、ドライバパラメータ値を控えてください。

esxcfg-module -g <driver name>

<driver name>：アップデート前ドライバ種

以下実行例の「option = 'yyyy'」の「yyyy」に設定値が表示されますので、値を控えてください。値が表示されない場合は、ドライバパラメータは未設定ですので、以降の作業は不要です。

(実行例) net-ixgbe の場合

esxcfg-module -g net-ixgbe

net-ixgbe enabled = 1 options = ‘yyyy‘

また、以下の表示となる場合、net-ixgbe ドライバは未使用ですので、以降の作業は不要です。

(実行例) net-ixgbe の場合

esxcfg-module -g net-ixgbe

Unknown module name net-ixgbe

⑵ ドライバパラメータの再設定

以下コマンドを実行し、『(1)ドライバパラメータの確認及び記録』で控えたドライバパラメータを再設定して下さい。

esxcfg-module -s ”yyyy” <driver name>

yyyy：控えたドライバパラメータ

<driver name>：アップデート前ドライバ種

以下実行例の「option = 'yyyy'」に控えたドライバパラメータを指定します。

(実行例) ixgben の場合

esxcfg-module -s ”yyyy” ixgben

⑶ VMware ESXi の再起動

変更を有効にするため、VMware ESXi を再起動してください。

5.7.5 QLogic 製ファイバーチャネルホストバスアダプタご使用にあたっての注意事項

VMware 環境において、QLogic 製ファイバーチャネルホストバスアダプタの特定のドライバパラメータを設定している状態で SPH に収録されているドライバにアップデートすると、アダプタが認識できなくなります。

特に、SAN ブートパスに使用しているアダプタで本現象が発生した場合、OS が起動できなくなり、回復にはバックアップからのリストアが必要となります。本 SPH を用いたドライバのアップデート前に、予めパラメータ変更を行ってからドライバをアップデートしてください。

なお、デフォルトではパラメータは設定されておらず、本現象は発生しません。

パラメータ変更方法等、詳細は「日立アドバンストサーバ HA8000V シリーズ」の「製品に関する重要なお知らせ」掲載の「VMware 環境において QLogic 製ファイバーチャネルホストバスアダプタのドライバをアップデート後アダプタが認識できなくなる現象について(管理番号：CRI-2020-0005)」を参照してください。

5.7.6 リモートオンライン 展開モードをご使用時の注意事項

本モードをご使用の際は、iLO が Agentless Management Service(AMS)に接続している必要があります。iLO が AMS に接続していない場合、適用可能なコンポーネントにソフトウェア/ドライバパッケージが追加されません。

iLO と AMS の接続状態を確認するには、iLO WEB インタフェースの[システム情報]＞[概要]ページを開き、サブシステムおよびデバイスの Agentless Management Service のステータスを確認して下さい。

【iLO が AMS に接続している場合】

【iLO が AMS に接続していない場合】

iLO が AMS に接続していない場合、以下の手順を実施し、再度 iLO と AMS の接続状態を確認して下さい。

- 装置電源 OFF(ESXi ホストシャットダウン)
- 装置電源ケーブルの抜き差し
- 装置電源 ON(ESXi ホスト起動)

5.8 SUM オフライン展開モードご使用時の注意事項

SUM オフライン展開モードでは Secure Boot をサポートしておりません。Secure Boot 設定は Disabled に設定の上ご使用ください。

SPH の ISO イメージを、iLO 仮想メディアデバイスにマウントして SUM のオフライン展開モードご使用の場合、iLO の『ネットワークインターフェイス設定』が『共有ネットワークポート』構成となっていると、SUM の起動途中でエラーになることがあります。

iLO の『ネットワークインターフェイス設定』を『共有ネットワークポート』構成でご使用の場合、ISO イメージを書き込んだ媒体をご用意いただき、内蔵もしくは USB 接続の DVD ドライブを使用して SUM のオフライン展開モードを起動してください。

【注意】

DL20/ML30 では、iLO の『ネットワークインターフェイス設定』のデフォルト設定が『共有ネットワークポート』となっています。SUM オフライン展開モードご使用時は、SPH ISO イメージを書き込んだ媒体か

ら起動してください。

5.9 Intel 製ネットワークアダプタご使用について

Intel 製ネットワークアダプタをご使用になる場合、下記の制限事項があります。

5.9.1 Intel 製ネットワークアダプタのファームウェアアップデートについて

Intel 製ネットワークアダプタのファームウェアアップデートを行う場合、ファームウェアアップデート後に再起動を行っても、サブ電源で動作する機能は動作し続けているため、アップデートが完全には反映されません。
アップデート後に電源ケーブルを抜いて電源を 5 秒以上切断してから、電源ケーブルを差しなおし電源を入れなおしてください。電源ケーブルを抜き差しする必要があるため、リモートでは実施できません。

本制限事項の最新の状況並びに具体的な対象アダプタの情報については、アドバイザリ：「特定のネットワークアダプターについてファームウェアアップデート後に電源ケーブルの抜き差しが必要になる」(ADV-2019-0019)を参照してください。

5.9.2 Intel 製ネットワークアダプタのファームウェアダウングレードについて

Intel 製ネットワークアダプタをご使用になる場合、下表記載の SPH に収録されているファームウェアバージョンは、ダウングレードには対応しておりません。

形名(*1) or 搭載システム装置	製品名(旧品名)	Device
TQ-N□□-817745-B21	Ethernet 10Gb 2-port FLR-T X550-AT2 Adapter(Ethernet 10Gb 2 ポート 562FLR-T ネットワークアダプタ)	HPE Ethernet 10Gb 2-port 562FLR-T Adapte
TQ-N□□-817738-B21	Ethernet 10Gb 2-port BASE-T X550-AT2 Adapter(Ethernet 10Gb 2 ポート 562T ネットワークアダプタ)	HPE Ethernet 10Gb 2-port 562T Adapter
TQ-N□□-727054-B21	Ethernet 10Gb 2-port FLR-SFP+ X710-DA2 Adapter(Ethernet 10Gb 2 ポート 562FLR-SFP+ネットワークアダプタ)	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
TQ-N□□-727055-B21	Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter(Ethernet 10Gb 2 ポート 562SFP+ネットワークアダプタ)	HPE Ethernet 10Gb 2-port 562SFP+ Adapter
HA8000V / ML350 Gen10 オンボード NIC	Ethernet 1Gb 4-port 369i ネットワークアダプタ	HPE Ethernet 1Gb 4-port 369i Adapter
TQ-N□□-P28778-B21	INT X710 10GbE 2p SFP+ OCP3 Adptr	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter
TQ-N□□-P28787-B21	X710 10Gb 2p SFP+ Adptr	2-port SFP+ X710-DA2 Adapter

(*1)：□には製品構成などにより異なった英数字が入ります。

5.10　Gen10 Plus RAID コントローラ環境での OS セットアップの注意事項

5.10.1　ドライバの適用について

下表記載の Gen10 Plus RAID コントローラご利用環境で、Windows または RHEL の新規・再セットアップの際には、SPH を適用する前に SPH に収録された「6.2.5　Driver - Storage Controller」記載の各 OS に対応した Gen10 Plus RAID コントローラドライバを適用してください。

ドライバの適用方法は、「HA8000V Gen10 Plus 重要事項および読替ガイド」の[システム装置のセットアップ]-[OS のインストール]を参照して下さい。

形名(*1)	製品名	device
TQ-R□□-P04220-B21	SR932i-p Gen10 Plus コントローラ	Microchip SR932i-p Cntrl for HPE Gen10+
TQ-R□□-P12688-B21	SR416-a Gen10 Plus コントローラ	Microchip SR416i-a Cntrl for HPE Gen10+
TQ-R□□-P26279-B21	MR416i-a Gen10 Plus コントローラ	Broadcom MR416i-a Cntrl for HPE Gen10+
TQ-R□□-P06367-B21	MR416-p Gen10 Plus コントローラ	Broadcom MR416i-p Cntrl for HPE Gen10+
TQ-R□□-P26325-B21	MR216i-a Gen10 Plus コントローラ	Broadcom MR216i-a Cntrl for HPE Gen10+
TQ-R□□-P26324-B21	MR216-p Gen10 Plus コントローラ	Broadcom MR216i-p Cntrl for HPE Gen10+

(*1)：□には製品構成などにより異なった英数字が入ります。

5.11　Integrated Lights-Out 5 Firmware バージョンアップについて

本 SPH に収録している Integrated Lights-Out 5 Firmware(iLO)のオンライン適用において、ご利用環境の iLO バージョンが 1.40 未満の場合、バージョン 1.48 にアップデートした後、SPH を適用する必要があります。
iLO バージョン 1.48 へのアップデートについては、ダウンロードサイトよりご使用環境の OS に対応したユーティリティをダウンロードいただき、案内されている手順に従ってアップデートしてください。

5.12　MegaRAID コントローラーファームウェアのアップデートについて

本 SPH 収録の MegaRAID コントローラ用ファームウェアアップデートコンポーネントは、SUM による更新が失敗することがあります。更新を正常に行うため、SPH 適用前に SPH に収録された「6.2.15 Firmware - Storage Controller」記載の各コントローラに対応したファームウェアを個別に適用してください。

【対象製品】

形名(*1)	製品名	device
TQ-R□□-P26279-B21	MR416i-a Gen10 Plus コントローラ	Broadcom MR416i-a Cntrl for HPE Gen10+
TQ-R□□-P06367-B21	MR416-p Gen10 Plus コントローラ	Broadcom MR416i-p Cntrl for HPE Gen10+
TQ-R□□-P26325-B21	MR216i-a Gen10 Plus コントローラ	Broadcom MR216i-a Cntrl for HPE Gen10+
TQ-R□□-P26324-B21	MR216-p Gen10 Plus コントローラ	Broadcom MR216i-p Cntrl for HPE Gen10+

※「***」はお客さまのご購入製品により相違します。

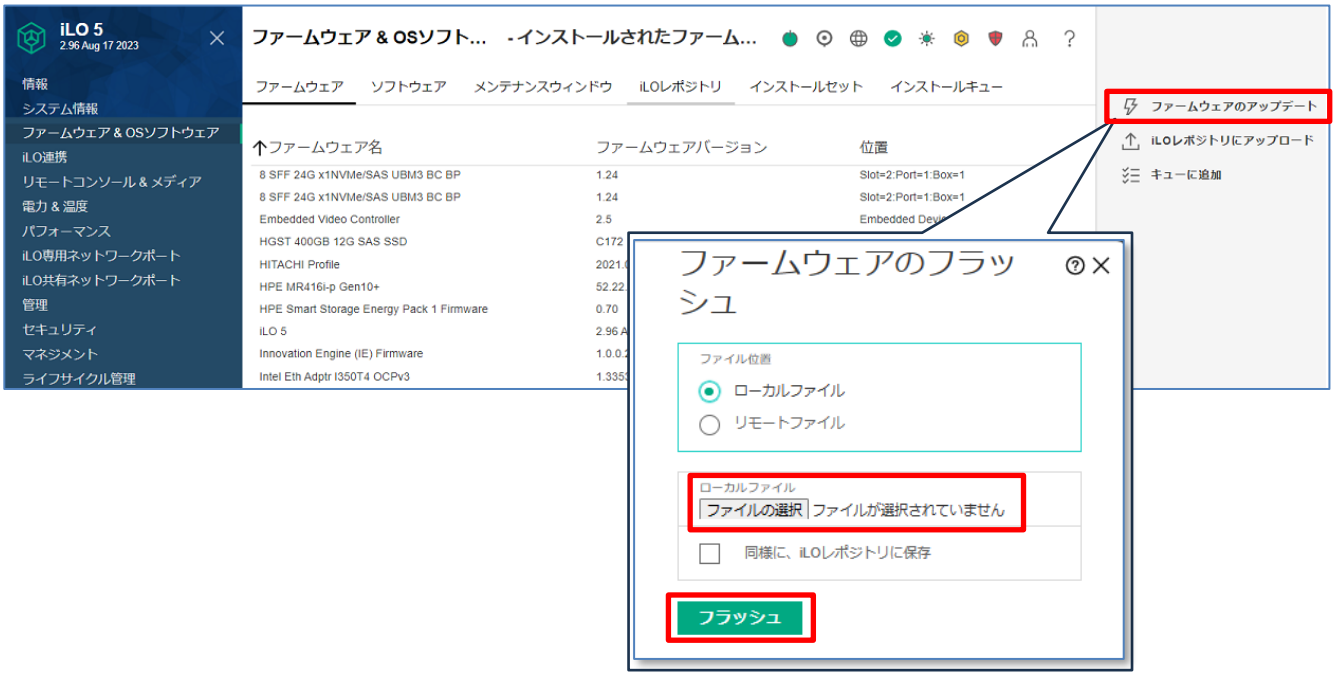
【適用手順】

(1) iLO Web コンソールの、「ファームウェア&OS ソフトウェア」ー「ファームウェア」画面内の、[ファームウェア名]一覧から『HPE MR』から始まる対象製品を探し、現在適用されているバージョンを確認してください。ファームウェアバージョンが本 SPH 収録バージョン以降の場合は、適用する必要はありません。

上記表示例の場合はファームウェアバージョンが“52.24.3-4650”になります。

(2) 上記表記載のご使用の製品に対応したコンポーネントファイル[fwpkg 形式]を SPH から取り出します。(表記載のコンポーネントファイルは、SPH「packages」フォルダに格納されています。)

(3) iLO Web コンソールの「ファームウェア&OS ソフトウェア」の右ペインにある「ファームウェアのアップデート」をクリックして表示される「ファームウェアのフラッシュ」画面で、「ファイルの選択」をクリックし、対象のコンポーネントファイルを指定して、「フラッシュ」をクリックしてください。



(4) 画面上部に緑色の帯でファームウェアアップデート完了のメッセージが表示されたら、システムを再起動します。

(5) 表示されたファームウェアー覧の[ファームウェア名]から「HPE MR」から始まる対象製品の名称を探し、更新後のファームウェアバージョンを確認してください。

6. ＳＰＨ収録コンテンツ一覧

SPH の iso イメージに含まれるドライバ，ファームウェア，ユーティリティ(ソフトウェア)を示します。
SPH には、適用方法により下記の２種のコンテンツを含んでいます。

- OS セットアップ後、お客様自身で個別に適用頂くもの
- Smart Update Manager(SUM)を使って適用可能なもの

以降、それぞれのコンテンツについて説明します。

6.1 お客様により適用が必要なコンテンツ

次表に示すファイルは、SPH に含まれる SUM ツールでの適用対象ではありません。Windows Server OS の新規・再セットアップ(プレインストールセット除く)の場合は、SPH 適用後に各ツールを実行してください。

No.	ツール	説　明	iso 内格納場所	備　考
1	IT Report Utility (ITRU)	サーバの構成情報、および障害の情報を採取します	¥software¥Hitachi¥ITRU	
2	2PRxDur settings	(レジストリ設定)ネットワークアダプタに関する設定を実施します	¥software¥Hitachi¥RegTool	Broadcom 製 1Gb LAN アダプタ搭載構成のみ対象
3	LargeRxRing settings	(レジストリ設定)ネットワークアダプタに関する設定を実施します	¥software¥Hitachi¥RegTool	

【Broadcom 製 1Gb LAN アダプタ】(旧品名)

- オンボード LAN[Ethernet 1Gb 4-port 331i Adapter]
- オンボード LAN[Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE]
- Ethernet 1Gb 4-port FLR-T BCM5719 Adapter(HP Ethernet 1Gb 4-port 331FLR Adapter)
- Ethernet 1Gb 4-port BASE-T BCM5719 Adapter(HP Ethernet 1Gb 4-port 331T Adapter)
- Ethernet 1Gb 2-port BASE-T BCM5720 Adapter(HP Ethernet 1Gb 2-port 332T Adapter)
- BCM 5719 1Gb 4p BASE-T Adptr
- BCM 5719 1Gb 4p BASE-T OCP Adptr

(1) ITRU のインストール

ITRU をインストールするには、Administrator 権限にて DOS プロンプトより下記のバッチファイルを実行してください。

<CD ドライブ>:¥software¥Hitachi¥ITRU¥setup.bat

なお、ITRU のインストールに関する詳細情報は次の WEB ページ

https://www.hitachi.co.jp/cgi-bin/soft/sjst/select_open.cgi

に掲載されている Windows 版 ITRU 取扱説明書の 3 章をご確認願います。

(2) ネットワークアダプタ レジストリ設定の適用

ネットワークアダプタ レジストリ設定を適用するたには、Administrator 権限にて DOS プロンプトより下記のバッチファイルを実行してください。

<CD ドライブ>:¥software¥Hitachi¥RegTool¥2PRxDur.bat

< CD ドライブ>:¥software¥Hitachi¥RegTool¥LargeRxRing.bat

ツール実行後、OS を再起動してください。

6.2 SUM ツールで適用可能なファイル

次に示すドライバ/ファームウェア/ユーティリティ(ソフトウェア)は、SUM ツールにより適用可能なファイルです。(表中の"x"表記は、本ドキュメントリリース時点で未サポートであることを示します。)
SUM の GUI モードで使用する場合、OS 別の実行するコマンドを下記に示します。(管理者権限で実行してください。)

Windows 環境：

.¥launch_sum.bat

Linux 環境：

./launch_sum.sh

この時、ログイン画面が表示された場合には、SUM 起動時にご使用の(ログインしていた)OS ユーザ名/パスワードを入力してください。

なお、SUM の詳細な操作方法は、「日立アドバンスドサーバ HA8000V シリーズ ホームページ」に掲載されている『Smart Update Manager ユーザーガイド』を参照ください。

次節以降、カテゴリ別にパッケージの情報を示します。
「Firmware/Driver version」列の情報は、SPH 収録の各パッケージに含まれるファームウェアまたはドライバのバージョン情報を示していますが、VMware システム向けパッケージの場合は、VMware vSphere コンポーネントバージョンを示しています。

6.2.1 Application - System Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
1	Integrated Smart Update Tools 6.0.0 for ESXi 8.0 and ESXi 9.0	cp064330.zip	-	2025.03.00	800.6.0.0.37-0
2	Integrated Smart Update Tools for Linux x64	sut-6.0.0-121.linux.x86_64.rpm	-	6.0.0.0	6.0.0-121.linux
3	Integrated Smart Update Tools for Windows x64	cp064332.exe	-	6.0.0.0	6.0.0.0

6.2.2 BIOS - System ROM

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
4	Online ROM Flash Component for Linux - System ROM U30	firmware-system-oem-u30-3.42_2025_02_21-1.1.x86_64.rpm	System BIOS - U30	3.42_02-21-2025	U30 v3.42 (02/21/2025)
5	Online ROM Flash Component for Linux - System ROM U32	firmware-system-oem-u32-3.42_2025_02_21-1.1.x86_64.rpm	System BIOS - U32	3.42_02-21-2025	U32 v3.42 (02/21/2025)
6	Online ROM Flash Component for Linux - System ROM U34	firmware-system-oem-u34-3.42_2025_02_21-1.1.x86_64.rpm	System BIOS - U34	3.42_02-21-2025	U34 v3.42 (02/21/2025)
7	Online ROM Flash Component for Linux - System ROM U41	firmware-system-oem-u41-3.42_2025_02_21-1.1.x86_64.rpm	System BIOS - U41	3.42_02-21-2025	U41 v3.42 (02/21/2025)
8	Online ROM Flash Component for Linux - System ROM U44	firmware-system-oem-u44-3.52_2025_02_21-1.1.x86_64.rpm	System BIOS - U44	3.52_02-21-2025	U44 v3.52 (02/21/2025)
9	Online ROM Flash Component for Linux - System ROM U46	firmware-system-oem-u46-2.34_2025_03_11-1.1.x86_64.rpm	System BIOS - U46	2.34_03-11-2025	U46 v2.34 (03/11/2025)
10	Online ROM Flash Component for Linux - System ROM U60	firmware-system-oem-u60-2.34_2025_03_11-1.1.x86_64.rpm	System BIOS - U60	2.34_03-11-2025	U60 v2.34 (03/11/2025)
11	Online ROM Flash Component for Linux - System ROM U61	firmware-system-oem-u61-2.34_2025_03_11-1.1.x86_64.rpm	System BIOS - U61	2.34_03-11-2025	U61 v2.34 (03/11/2025)
12	Online ROM Flash Component for Windows x64 - System ROM U30	cp065736.exe	System BIOS - U30	3.42_02-21-2025	U30 v3.42 (02/21/2025)
13	Online ROM Flash Component for Windows x64 - System ROM U32	cp065747.exe	System BIOS - U32	3.42_02-21-2025	U32 v3.42 (02/21/2025)
14	Online ROM Flash Component for Windows x64 - System ROM U34	cp065753.exe	System BIOS - U34	3.42_02-21-2025	U34 v3.42 (02/21/2025)
15	Online ROM Flash Component for Windows x64 - System ROM U41	cp065863.exe	System BIOS - U41	3.42_02-21-2025	U41 v3.42 (02/21/2025)
16	Online ROM Flash Component for Windows x64 - System ROM U43	cp065720.exe	System BIOS - U43	3.52_02-21-2025	U43 v3.52 (02/21/2025)
17	Online ROM Flash Component for Windows x64 - System ROM U44	cp065800.exe	System BIOS - U44	3.52_02-21-2025	U44 v3.52 (02/21/2025)
18	Online ROM Flash Component for Windows x64 - System ROM U46	cp066150.exe	System BIOS - U46	2.34_03-11-2025	U46 v2.34 (03/11/2025)
19	Online ROM Flash Component for Windows x64 - System ROM U60	cp066219.exe	System BIOS - U60	2.34_03-11-2025	U60 v2.34 (03/11/2025)
20	Online ROM Flash Component for Windows x64 - System ROM U61	cp066224.exe	System BIOS - U61	2.34_03-11-2025	U61 v2.34 (03/11/2025)
21	ROM Flash Firmware Package - System ROM U30	OEM.U30_3.42_02_21_2025.fwpkg	System BIOS - U30	3.42_02-21-2025	U30 v3.42 (02/21/2025)
22	ROM Flash Firmware Package - System ROM U32	OEM.U32_3.42_02_21_2025.fwpkg	System BIOS - U32	3.42_02-21-2025	U32 v3.42 (02/21/2025)
23	ROM Flash Firmware Package - System ROM U34	OEM.U34_3.42_02_21_2025.fwpkg	System BIOS - U34	3.42_02-21-2025	U34 v3.42 (02/21/2025)
24	ROM Flash Firmware Package - System ROM U41	OEM.U41_3.42_02_21_2025.fwpkg	System BIOS - U41	3.42_02-21-2025	U41 v3.42 (02/21/2025)

25	ROM Flash Firmware Package - System ROM U43	OEM.U43_3.52_02_21_2025.fwpkg	System BIOS - U43	3.52_02-21-2025	U43 v3.52 (02/21/2025)
26	ROM Flash Firmware Package - System ROM U44	OEM.U44_3.52_02_21_2025.fwpkg	System BIOS - U44	3.52_02-21-2025	U44 v3.52 (02/21/2025)
27	ROM Flash Firmware Package - System ROM U46	OEM.U46_2.34_03_11_2025.fwpkg	System BIOS - U46	2.34_03-11-2025	U46 v2.34 (03/11/2025)
28	ROM Flash Firmware Package - System ROM U60	OEM.U60_2.34_03_11_2025.fwpkg	System BIOS - U60	2.34_03-11-2025	U60 v2.34 (03/11/2025)
29	ROM Flash Firmware Package - System ROM U61	OEM.U61_2.34_03_11_2025.fwpkg	System BIOS - U61	2.34_03-11-2025	U61 v2.34 (03/11/2025)

6.2.3 Driver – Chipset

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
30	Identifiers for Intel Xeon E-22xx Processor for Microsoft Windows	cp062267.exe	-	10.1.19928.8615	10.1.19928.8615
31	Identifiers for Intel Xeon E-23xx Processor for Microsoft Windows	cp062270.exe	-	10.1.19886.8592	10.1.19886.8592
32	Identifiers for Intel Xeon Scalable Processors (First and Second Generation) for Microsoft Windows	cp065106.exe	-	10.1.19006.8299 (D)	10.1.19006.8299
33	Identifiers for Intel Xeon Scalable Processors (Third Generation) for Microsoft Windows	cp065107.exe	-	10.1.19879.8585 (B)	10.1.19879.8585

6.2.4 Driver – Network

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
34	Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp064528.exe	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE	221.0.7.0 (B)	221.0.7.0
35	Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp064528.exe	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE	221.0.7.0 (B)	221.0.7.0
36	Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp064528.exe	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	221.0.7.0 (B)	221.0.7.0
37	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp063726.exe	BCM 57414 10/25GbE 2p SFP28 Adptr	232.0.155.7	232.0.155.7
38	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp063726.exe	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	232.0.155.7	232.0.155.7
39	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp063726.exe	BCM 57416 10GbE 2p BASE-T Adptr	232.0.155.7	232.0.155.7
40	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp063726.exe	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	232.0.155.7	232.0.155.7
41	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp063726.exe	BCM 57412 10GbE 2p SFP+ Adptr	232.0.155.7	232.0.155.7
42	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp063726.exe	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	232.0.155.7	232.0.155.7
43	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp063726.exe	BCM 57504 10/25GbE 4p SFP28 Adptr	232.0.155.7	232.0.155.7
44	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp063726.exe	BCM 57504 10/25GbE 4p SFP28 OCP3 Adptr	232.0.155.7	232.0.155.7

45	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2025	cp063727.exe	BCM 57414 10/25GbE 2p SFP28 Adptr	232.0.155.7	232.0.155.7
46	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2025	cp063727.exe	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	232.0.155.7	232.0.155.7
47	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2025	cp063727.exe	BCM 57416 10GbE 2p BASE-T Adptr	232.0.155.7	232.0.155.7
48	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2025	cp063727.exe	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	232.0.155.7	232.0.155.7
49	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2025	cp063727.exe	BCM 57412 10GbE 2p SFP+ Adptr	232.0.155.7	232.0.155.7
50	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2025	cp063727.exe	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	232.0.155.7	232.0.155.7
51	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2025	cp063727.exe	BCM 57504 10/25GbE 4p SFP28 Adptr	232.0.155.7	232.0.155.7
52	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2025	cp063727.exe	BCM 57504 10/25GbE 4p SFP28 OCP3 Adptr	232.0.155.7	232.0.155.7
53	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp064527.exe	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	221.0.7.0 (B)	221.0.7.0
54	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp064527.exe	HP Ethernet 1Gb 2-port 332T Adapter	221.0.7.0 (B)	221.0.7.0
55	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp064527.exe	HP Ethernet 1Gb 4-port 331FLR Adapter	221.0.7.0 (B)	221.0.7.0
56	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp064527.exe	HP Ethernet 1Gb 4-port 331T Adapter	221.0.7.0 (B)	221.0.7.0
57	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp064527.exe	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	221.0.7.0 (B)	221.0.7.0
58	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp064755.exe	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	232.0.155.7	232.0.155.7
59	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp064755.exe	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	232.0.155.7	232.0.155.7
60	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp064755.exe	HPE Ethernet 10Gb 2-port 535T Adapter	232.0.155.7	232.0.155.7
61	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp064755.exe	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	232.0.155.7	232.0.155.7
62	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp064755.exe	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	232.0.155.7	232.0.155.7
63	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp064755.exe	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	232.0.155.7	232.0.155.7
64	HPE Broadcom NetXtreme-E Driver for Windows Server 2025	cp064756.exe	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	232.0.155.7	232.0.155.7
65	HPE Broadcom NetXtreme-E Driver for Windows Server 2025	cp064756.exe	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	232.0.155.7	232.0.155.7
66	HPE Broadcom NetXtreme-E Driver for Windows Server 2025	cp064756.exe	HPE Ethernet 10Gb 2-port 535T Adapter	232.0.155.7	232.0.155.7
67	HPE Broadcom NetXtreme-E Driver for Windows Server 2025	cp064756.exe	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	232.0.155.7	232.0.155.7

68	HPE Broadcom NetXtreme-E Driver for Windows Server 2025	cp064756.exe	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	232.0.155.7	232.0.155.7
69	HPE Broadcom NetXtreme-E Driver for Windows Server 2025	cp064756.exe	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	232.0.155.7	232.0.155.7
70	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u9
71	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u9
72	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u9.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u9
73	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u9.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u9
74	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u9
75	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 535T Adapter	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u9
76	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u9
77	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u9
78	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u9.x86_64.rpm	BCM 57416 10GbE 2p BASE-T Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u9
79	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u9.x86_64.rpm	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u9
80	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u9.x86_64.rpm	BCM 57412 10GbE 2p SFP+ Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u9
81	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u9.x86_64.rpm	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u9
82	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u9.x86_64.rpm	BCM 57504 10/25GbE 4p SFP28 Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u9
83	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u9.x86_64.rpm	BCM 57504 10/25GbE 4p SFP28 OCP3 Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u9
84	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u10.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u10
85	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u10.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u10
86	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u10.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u10
87	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u10.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u10
88	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u10
89	HPE Broadcom NetXtreme-E Drivers	kmod-bnxt_en-1.10.3-	HPE Ethernet 10Gb	1.10.3-	1.10.3-

	for Red Hat Enterprise Linux 8	232.0.155.5.rhel8u10.x86_64.rpm	2-port 535T Adapter	232.0.155.5	232.0.155.5.rhel8u10
90	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u10
91	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u10
92	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u10.x86_64.rpm	BCM 57416 10GbE 2p BASE-T Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u10
93	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u10.x86_64.rpm	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u10
94	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u10.x86_64.rpm	BCM 57412 10GbE 2p SFP+ Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u10
95	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u10.x86_64.rpm	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u10
96	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u10.x86_64.rpm	BCM 57504 10/25GbE 4p SFP28 Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u10
97	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.3-232.0.155.5.rhel8u10.x86_64.rpm	BCM 57504 10/25GbE 4p SFP28 OCP3 Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel8u10
98	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-232.0.155.5.rhel9u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel9u4
99	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-232.0.155.5.rhel9u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel9u4
100	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-232.0.155.5.rhel9u4.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel9u4
101	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-232.0.155.5.rhel9u4.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel9u4
102	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-232.0.155.5.rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel9u4
103	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-232.0.155.5.rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 535T Adapter	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel9u4
104	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-232.0.155.5.rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel9u4
105	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-232.0.155.5.rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel9u4
106	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-232.0.155.5.rhel9u4.x86_64.rpm	BCM 57416 10GbE 2p BASE-T Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel9u4
107	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-232.0.155.5.rhel9u4.x86_64.rpm	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel9u4
108	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-232.0.155.5.rhel9u4.x86_64.rpm	BCM 57412 10GbE 2p SFP+ Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel9u4
109	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-232.0.155.5.rhel9u4.x86_64.rpm	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel9u4
110	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-232.0.155.5.rhel9u4.x86_64.rpm	BCM 57504 10/25GbE 4p SFP28 Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel9u4

111	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-232.0.155.5.rhel9u4.x86_64.rpm	BCM 57504 10/25GbE 4p SFP28 OCP3 Adptr	1.10.3-232.0.155.5	1.10.3-232.0.155.5.rhel9u4
112	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp063725.zip	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	2025.03.00	232.0.254.0-1OEM.800.1.0.20613240
113	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp063725.zip	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	2025.03.00	232.0.254.0-1OEM.800.1.0.20613240
114	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp063725.zip	BCM 57414 10/25GbE 2p SFP28 Adptr	2025.03.00	232.0.254.0-1OEM.800.1.0.20613240
115	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp063725.zip	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	2025.03.00	232.0.254.0-1OEM.800.1.0.20613240
116	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp063725.zip	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	2025.03.00	232.0.254.0-1OEM.800.1.0.20613240
117	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp063725.zip	HPE Ethernet 10Gb 2-port 535T Adapter	2025.03.00	232.0.254.0-1OEM.800.1.0.20613240
118	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp063725.zip	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	2025.03.00	232.0.254.0-1OEM.800.1.0.20613240
119	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp063725.zip	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	2025.03.00	232.0.254.0-1OEM.800.1.0.20613240
120	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp063725.zip	BCM 57416 10GbE 2p BASE-T Adptr	2025.03.00	232.0.254.0-1OEM.800.1.0.20613240
121	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp063725.zip	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	2025.03.00	232.0.254.0-1OEM.800.1.0.20613240
122	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp063725.zip	BCM 57412 10GbE 2p SFP+ Adptr	2025.03.00	232.0.254.0-1OEM.800.1.0.20613240
123	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp063725.zip	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	2025.03.00	232.0.254.0-1OEM.800.1.0.20613240
124	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp063725.zip	BCM 57504 10/25GbE 4p SFP28 Adptr	2025.03.00	232.0.254.0-1OEM.800.1.0.20613240
125	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp063725.zip	BCM 57504 10/25GbE 4p SFP28 OCP3 Adptr	2025.03.00	232.0.254.0-1OEM.800.1.0.20613240
126	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp063771.zip	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	2025.03.00	2025.03.00
127	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp063771.zip	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	2025.03.00	2025.03.00
128	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp063771.zip	BCM 57414 10/25GbE 2p SFP28 Adptr	2025.03.00	2025.03.00
129	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp063771.zip	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	2025.03.00	2025.03.00
130	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp063771.zip	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	2025.03.00	2025.03.00
131	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp063771.zip	HPE Ethernet 10Gb 2-port 535T Adapter	2025.03.00	2025.03.00
132	HPE Broadcom NetXtreme-E Drivers	cp063771.zip	HPE Ethernet 10Gb	2025.03.00	2025.03.00

	for VMware vSphere 9.0		2-port 537SFP+ Adapter		
133	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp063771.zip	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	2025.03.00	2025.03.00
134	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp063771.zip	BCM 57416 10GbE 2p BASE-T Adptr	2025.03.00	2025.03.00
135	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp063771.zip	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	2025.03.00	2025.03.00
136	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp063771.zip	BCM 57412 10GbE 2p SFP+ Adptr	2025.03.00	2025.03.00
137	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp063771.zip	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	2025.03.00	2025.03.00
138	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp063771.zip	BCM 57504 10/25GbE 4p SFP28 Adptr	2025.03.00	2025.03.00
139	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp063771.zip	BCM 57504 10/25GbE 4p SFP28 OCP3 Adptr	2025.03.00	2025.03.00
140	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 10.	libbnxt_re-232.0.155.5-rhel8u10.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	232.0.155.5	232.0.155.5-rhel8u10
141	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 10.	libbnxt_re-232.0.155.5-rhel8u10.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	232.0.155.5	232.0.155.5-rhel8u10
142	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 10.	libbnxt_re-232.0.155.5-rhel8u10.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 Adptr	232.0.155.5	232.0.155.5-rhel8u10
143	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 10.	libbnxt_re-232.0.155.5-rhel8u10.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	232.0.155.5	232.0.155.5-rhel8u10
144	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 10.	libbnxt_re-232.0.155.5-rhel8u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	232.0.155.5	232.0.155.5-rhel8u10
145	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 10.	libbnxt_re-232.0.155.5-rhel8u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 535T Adapter	232.0.155.5	232.0.155.5-rhel8u10
146	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 10.	libbnxt_re-232.0.155.5-rhel8u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	232.0.155.5	232.0.155.5-rhel8u10
147	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 10.	libbnxt_re-232.0.155.5-rhel8u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	232.0.155.5	232.0.155.5-rhel8u10
148	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 10.	libbnxt_re-232.0.155.5-rhel8u10.x86_64.rpm	BCM 57416 10GbE 2p BASE-T Adptr	232.0.155.5	232.0.155.5-rhel8u10
149	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 10.	libbnxt_re-232.0.155.5-rhel8u10.x86_64.rpm	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	232.0.155.5	232.0.155.5-rhel8u10
150	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 10.	libbnxt_re-232.0.155.5-rhel8u10.x86_64.rpm	BCM 57412 10GbE 2p SFP+ Adptr	232.0.155.5	232.0.155.5-rhel8u10
151	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 10.	libbnxt_re-232.0.155.5-rhel8u10.x86_64.rpm	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	232.0.155.5	232.0.155.5-rhel8u10
152	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 10.	libbnxt_re-232.0.155.5-rhel8u10.x86_64.rpm	BCM 57504 10/25GbE 4p SFP28 Adptr	232.0.155.5	232.0.155.5-rhel8u10
153	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 10.	libbnxt_re-232.0.155.5-rhel8u10.x86_64.rpm	BCM 57504 10/25GbE 4p SFP28 OCP3 Adptr	232.0.155.5	232.0.155.5-rhel8u10
154	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 9.	libbnxt_re-232.0.155.5-rhel8u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28	232.0.155.5	232.0.155.5-rhel8u9

			Adapter		
155	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 9.	libbnxt_re-232.0.155.5-rhel8u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	232.0.155.5	232.0.155.5-rhel8u9
156	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 9.	libbnxt_re-232.0.155.5-rhel8u9.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 Adptr	232.0.155.5	232.0.155.5-rhel8u9
157	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 9.	libbnxt_re-232.0.155.5-rhel8u9.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	232.0.155.5	232.0.155.5-rhel8u9
158	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 9.	libbnxt_re-232.0.155.5-rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	232.0.155.5	232.0.155.5-rhel8u9
159	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 9.	libbnxt_re-232.0.155.5-rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 535T Adapter	232.0.155.5	232.0.155.5-rhel8u9
160	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 9.	libbnxt_re-232.0.155.5-rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	232.0.155.5	232.0.155.5-rhel8u9
161	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 9.	libbnxt_re-232.0.155.5-rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	232.0.155.5	232.0.155.5-rhel8u9
162	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 9.	libbnxt_re-232.0.155.5-rhel8u9.x86_64.rpm	BCM 57416 10GbE 2p BASE-T Adptr	232.0.155.5	232.0.155.5-rhel8u9
163	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 9.	libbnxt_re-232.0.155.5-rhel8u9.x86_64.rpm	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	232.0.155.5	232.0.155.5-rhel8u9
164	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 9.	libbnxt_re-232.0.155.5-rhel8u9.x86_64.rpm	BCM 57412 10GbE 2p SFP+ Adptr	232.0.155.5	232.0.155.5-rhel8u9
165	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 9.	libbnxt_re-232.0.155.5-rhel8u9.x86_64.rpm	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	232.0.155.5	232.0.155.5-rhel8u9
166	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 9.	libbnxt_re-232.0.155.5-rhel8u9.x86_64.rpm	BCM 57504 10/25GbE 4p SFP28 Adptr	232.0.155.5	232.0.155.5-rhel8u9
167	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 9.	libbnxt_re-232.0.155.5-rhel8u9.x86_64.rpm	BCM 57504 10/25GbE 4p SFP28 OCP3 Adptr	232.0.155.5	232.0.155.5-rhel8u9
168	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 4.	libbnxt_re-232.0.155.5-rhel9u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	232.0.155.5	232.0.155.5-rhel9u4
169	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 4.	libbnxt_re-232.0.155.5-rhel9u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	232.0.155.5	232.0.155.5-rhel9u4
170	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 4.	libbnxt_re-232.0.155.5-rhel9u4.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 Adptr	232.0.155.5	232.0.155.5-rhel9u4
171	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 4.	libbnxt_re-232.0.155.5-rhel9u4.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	232.0.155.5	232.0.155.5-rhel9u4
172	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 4.	libbnxt_re-232.0.155.5-rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	232.0.155.5	232.0.155.5-rhel9u4
173	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 4.	libbnxt_re-232.0.155.5-rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 535T Adapter	232.0.155.5	232.0.155.5-rhel9u4
174	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 4.	libbnxt_re-232.0.155.5-rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	232.0.155.5	232.0.155.5-rhel9u4
175	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 4.	libbnxt_re-232.0.155.5-rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	232.0.155.5	232.0.155.5-rhel9u4
176	HPE Broadcom NetXtreme-E RoCE	libbnxt_re-232.0.155.5-	BCM 57416 10GbE	232.0.155.5	232.0.155.5-

	Library for Red Hat Enterprise Linux 9 Update 4.	rhel9u4.x86_64.rpm	2p BASE-T Adptr		rhel9u4
177	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 4.	libbnxt_re-232.0.155.5-rhel9u4.x86_64.rpm	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	232.0.155.5	232.0.155.5-rhel9u4
178	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 4.	libbnxt_re-232.0.155.5-rhel9u4.x86_64.rpm	BCM 57412 10GbE 2p SFP+ Adptr	232.0.155.5	232.0.155.5-rhel9u4
179	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 4.	libbnxt_re-232.0.155.5-rhel9u4.x86_64.rpm	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	232.0.155.5	232.0.155.5-rhel9u4
180	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 4.	libbnxt_re-232.0.155.5-rhel9u4.x86_64.rpm	BCM 57504 10/25GbE 4p SFP28 Adptr	232.0.155.5	232.0.155.5-rhel9u4
181	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 4.	libbnxt_re-232.0.155.5-rhel9u4.x86_64.rpm	BCM 57504 10/25GbE 4p SFP28 OCP3 Adptr	232.0.155.5	232.0.155.5-rhel9u4
182	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139q-1.rhel8u10.x86_64.rpm	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE	3.139q-1	3.139q-1.rhel8u10
183	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139q-1.rhel8u10.x86_64.rpm	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE	3.139q-1	3.139q-1.rhel8u10
184	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139q-1.rhel8u10.x86_64.rpm	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	3.139q-1	3.139q-1.rhel8u10
185	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139q-1.rhel8u10.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	3.139q-1	3.139q-1.rhel8u10
186	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139q-1.rhel8u10.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	3.139q-1	3.139q-1.rhel8u10
187	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139q-1.rhel8u10.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	3.139q-1	3.139q-1.rhel8u10
188	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139q-1.rhel8u10.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	3.139q-1	3.139q-1.rhel8u10
189	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139q-1.rhel8u10.x86_64.rpm	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	3.139q-1	3.139q-1.rhel8u10
190	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139q-1.rhel8u9.x86_64.rpm	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE	3.139q-1	3.139q-1.rhel8u9
191	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139q-1.rhel8u9.x86_64.rpm	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE	3.139q-1	3.139q-1.rhel8u9
192	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139q-1.rhel8u9.x86_64.rpm	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	3.139q-1	3.139q-1.rhel8u9
193	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139q-1.rhel8u9.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	3.139q-1	3.139q-1.rhel8u9
194	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139q-1.rhel8u9.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	3.139q-1	3.139q-1.rhel8u9
195	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139q-1.rhel8u9.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	3.139q-1	3.139q-1.rhel8u9
196	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139q-1.rhel8u9.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	3.139q-1	3.139q-1.rhel8u9

197	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139q-1.rhel8u9.x86_64.rpm	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	3.139q-1	3.139q-1.rhel8u9
198	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 9	kmod-tg3-3.139q-1.rhel9u4.x86_64.rpm	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE	3.139q-1	3.139q-1.rhel9u4
199	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 9	kmod-tg3-3.139q-1.rhel9u4.x86_64.rpm	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE	3.139q-1	3.139q-1.rhel9u4
200	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 9	kmod-tg3-3.139q-1.rhel9u4.x86_64.rpm	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	3.139q-1	3.139q-1.rhel9u4
201	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 9	kmod-tg3-3.139q-1.rhel9u4.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	3.139q-1	3.139q-1.rhel9u4
202	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 9	kmod-tg3-3.139q-1.rhel9u4.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	3.139q-1	3.139q-1.rhel9u4
203	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 9	kmod-tg3-3.139q-1.rhel9u4.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	3.139q-1	3.139q-1.rhel9u4
204	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 9	kmod-tg3-3.139q-1.rhel9u4.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	3.139q-1	3.139q-1.rhel9u4
205	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 9	kmod-tg3-3.139q-1.rhel9u4.x86_64.rpm	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	3.139q-1	3.139q-1.rhel9u4
206	HPE Intel E1R Driver for Windows Server 2019	cp061657.exe	HPE Ethernet 1Gb 2-port 361i Adapter	14.0.5.0	14.0.5.0
207	HPE Intel E1R Driver for Windows Server 2019	cp061657.exe	HPE Ethernet 1Gb 2-port 361T Adapter	14.0.5.0	14.0.5.0
208	HPE Intel E1R Driver for Windows Server 2019	cp061657.exe	HPE Ethernet 1Gb 4-port 366FLR Adapter	14.0.5.0	14.0.5.0
209	HPE Intel E1R Driver for Windows Server 2019	cp061657.exe	HPE Ethernet 1Gb 4-port 366T Adapter	14.0.5.0	14.0.5.0
210	HPE Intel E1R Driver for Windows Server 2022	cp064923.exe	HPE Ethernet 1Gb 2-port 361i Adapter	14.0.5.0 (B)	14.0.5.0
211	HPE Intel E1R Driver for Windows Server 2022	cp064923.exe	HPE Ethernet 1Gb 2-port 361T Adapter	14.0.5.0 (B)	14.0.5.0
212	HPE Intel E1R Driver for Windows Server 2022	cp064923.exe	HPE Ethernet 1Gb 4-port 366FLR Adapter	14.0.5.0 (B)	14.0.5.0
213	HPE Intel E1R Driver for Windows Server 2022	cp064923.exe	HPE Ethernet 1Gb 4-port 366T Adapter	14.0.5.0 (B)	14.0.5.0
214	HPE Intel E1R Driver for Windows Server 2025	cp064587.exe	HPE Ethernet 1Gb 2-port 361i Adapter	14.1.5.0	14.1.5.0
215	HPE Intel E1R Driver for Windows Server 2025	cp064587.exe	HPE Ethernet 1Gb 2-port 361T Adapter	14.1.5.0	14.1.5.0
216	HPE Intel E1R Driver for Windows Server 2025	cp064587.exe	HPE Ethernet 1Gb 4-port 366FLR Adapter	14.1.5.0	14.1.5.0
217	HPE Intel E1R Driver for Windows Server 2025	cp064587.exe	HPE Ethernet 1Gb 4-port 366T Adapter	14.1.5.0	14.1.5.0
218	HPE Intel i40e Drivers for Red Hat	kmod-hp-i40e-2.26.8-	HPE Ethernet 1Gb	2.26.8-1	2.26.8-

	Enterprise Linux 8	1.rhel8u10.x86_64.rpm	4-port 369i Adapter		1.rhel8u10
219	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.26.8-1.rhel8u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2.26.8-1	2.26.8-1.rhel8u10
220	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.26.8-1.rhel8u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2.26.8-1	2.26.8-1.rhel8u10
221	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.26.8-1.rhel8u10.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	2.26.8-1	2.26.8-1.rhel8u10
222	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.26.8-1.rhel8u10.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	2.26.8-1	2.26.8-1.rhel8u10
223	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.26.8-1.rhel8u9.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	2.26.8-1	2.26.8-1.rhel8u9
224	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.26.8-1.rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2.26.8-1	2.26.8-1.rhel8u9
225	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.26.8-1.rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2.26.8-1	2.26.8-1.rhel8u9
226	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.26.8-1.rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	2.26.8-1	2.26.8-1.rhel8u9
227	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.26.8-1.rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	2.26.8-1	2.26.8-1.rhel8u9
228	HPE Intel i40e Drivers for Red Hat Enterprise Linux 9	kmod-hp-i40e-2.26.8-1.rhel9u4.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	2.26.8-1	2.26.8-1.rhel9u4
229	HPE Intel i40e Drivers for Red Hat Enterprise Linux 9	kmod-hp-i40e-2.26.8-1.rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2.26.8-1	2.26.8-1.rhel9u4
230	HPE Intel i40e Drivers for Red Hat Enterprise Linux 9	kmod-hp-i40e-2.26.8-1.rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2.26.8-1	2.26.8-1.rhel9u4
231	HPE Intel i40e Drivers for Red Hat Enterprise Linux 9	kmod-hp-i40e-2.26.8-1.rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	2.26.8-1	2.26.8-1.rhel9u4
232	HPE Intel i40e Drivers for Red Hat Enterprise Linux 9	kmod-hp-i40e-2.26.8-1.rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	2.26.8-1	2.26.8-1.rhel9u4
233	HPE Intel i40ea Driver for Windows Server 2019	cp061659.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.19.164.0	1.19.164.0
234	HPE Intel i40ea Driver for Windows Server 2019	cp061659.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.19.164.0	1.19.164.0
235	HPE Intel i40ea Driver for Windows Server 2022	cp064924.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.19.165.0 (B)	1.19.165.0
236	HPE Intel i40ea Driver for Windows Server 2022	cp064924.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.19.165.0 (B)	1.19.165.0
237	HPE Intel i40eb Driver for Windows Server 2019	cp061661.exe	HPE Ethernet 1Gb 4-port 369i Adapter	1.19.164.0	1.19.164.0
238	HPE Intel i40eb Driver for Windows Server 2022	cp064925.exe	HPE Ethernet 1Gb 4-port 369i Adapter	1.19.164.0 (B)	1.19.164.0
239	HPE Intel i40eb Driver for Windows Server 2025	cp064583.exe	HPE Ethernet 1Gb 4-port 369i Adapter	1.19.267.0	1.19.267.0
240	HPE Intel i40en Driver for VMware vSphere 8.0	cp063149.zip	HPE Ethernet 1Gb 4-port 369i Adapter	2024.11.00	2.9.2.0-1OEM.800.1.0.20613240
241	HPE Intel i40en Driver for VMware vSphere 8.0	cp063149.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2024.11.00	2.9.2.0-1OEM.800.1.0.20613240
242	HPE Intel i40en Driver for VMware	cp063149.zip	HPE Ethernet 10Gb	2024.11.00	2.9.2.0-

	vSphere 8.0		2-port 562SFP+ Adapter		1OEM.800.1.0 .20613240
243	HPE Intel i40en Driver for VMware vSphere 8.0	cp063149.zip	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	2024.11.00	2.9.2.0-1OEM.800.1.0 .20613240
244	HPE Intel i40en Driver for VMware vSphere 8.0	cp063149.zip	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	2024.11.00	2.9.2.0-1OEM.800.1.0 .20613240
245	HPE Intel i40en Driver for VMware vSphere 9.0	cp065386.zip	HPE Ethernet 1Gb 4-port 369i Adapter	2025.03.00	2025.03.00
246	HPE Intel i40en Driver for VMware vSphere 9.0	cp065386.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2025.03.00	2025.03.00
247	HPE Intel i40en Driver for VMware vSphere 9.0	cp065386.zip	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2025.03.00	2025.03.00
248	HPE Intel i40en Driver for VMware vSphere 9.0	cp065386.zip	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	2025.03.00	2025.03.00
249	HPE Intel i40en Driver for VMware vSphere 9.0	cp065386.zip	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	2025.03.00	2025.03.00
250	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.12.5-1.rhel8u9.x86_64.rpm	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	4.12.5-1	4.12.5-1.rhel8u9
251	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.12.5-1.rhel8u9.x86_64.rpm	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	4.12.5-1	4.12.5-1.rhel8u9
252	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.12.5-1.rhel8u9.x86_64.rpm	Intel E810-XXVDA2 adapter	4.12.5-1	4.12.5-1.rhel8u9
253	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.12.5-1.rhel8u9.x86_64.rpm	Intel E810-XXVDA2 OCP3 adapter	4.12.5-1	4.12.5-1.rhel8u9
254	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.12.5-1.rhel8u9.x86_64.rpm	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	4.12.5-1	4.12.5-1.rhel8u9
255	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.12.5-1.rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	4.12.5-1	4.12.5-1.rhel8u9
256	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.12.5-1.rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	4.12.5-1	4.12.5-1.rhel8u9
257	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.12.5-1.rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	4.12.5-1	4.12.5-1.rhel8u9
258	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.12.5-1.rhel8u9.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	4.12.5-1	4.12.5-1.rhel8u9
259	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.12.5-1.rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	4.12.5-1	4.12.5-1.rhel8u9
260	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.12.5-1.rhel8u10.x86_64.rpm	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	4.12.5-1	4.12.5-1.rhel8u10
261	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.12.5-1.rhel8u10.x86_64.rpm	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	4.12.5-1	4.12.5-1.rhel8u10
262	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.12.5-1.rhel8u10.x86_64.rpm	Intel E810-XXVDA2 adapter	4.12.5-1	4.12.5-1.rhel8u10
263	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.12.5-1.rhel8u10.x86_64.rpm	Intel E810-XXVDA2 OCP3 adapter	4.12.5-1	4.12.5-1.rhel8u10
264	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.12.5-1.rhel8u10.x86_64.rpm	Intel E810-XXVDA4 Ethernet 10/25Gb	4.12.5-1	4.12.5-1.rhel8u10

			4-port SFP28 Adapter for HPE		
265	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.12.5-1.rhel8u10.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	4.12.5-1	4.12.5-1.rhel8u10
266	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.12.5-1.rhel8u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	4.12.5-1	4.12.5-1.rhel8u10
267	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.12.5-1.rhel8u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	4.12.5-1	4.12.5-1.rhel8u10
268	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.12.5-1.rhel8u10.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	4.12.5-1	4.12.5-1.rhel8u10
269	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.12.5-1.rhel8u10.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	4.12.5-1	4.12.5-1.rhel8u10
270	HPE Intel iavf Drivers for Red Hat Enterprise Linux 9	kmod-hp-iavf-4.12.5-1.rhel9u4.x86_64.rpm	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	4.12.5-1 (B)	4.12.5-1.rhel9u4
271	HPE Intel iavf Drivers for Red Hat Enterprise Linux 9	kmod-hp-iavf-4.12.5-1.rhel9u4.x86_64.rpm	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	4.12.5-1 (B)	4.12.5-1.rhel9u4
272	HPE Intel iavf Drivers for Red Hat Enterprise Linux 9	kmod-hp-iavf-4.12.5-1.rhel9u4.x86_64.rpm	Intel E810-XXVDA2 adapter	4.12.5-1 (B)	4.12.5-1.rhel9u4
273	HPE Intel iavf Drivers for Red Hat Enterprise Linux 9	kmod-hp-iavf-4.12.5-1.rhel9u4.x86_64.rpm	Intel E810-XXVDA2 OCP3 adapter	4.12.5-1 (B)	4.12.5-1.rhel9u4
274	HPE Intel iavf Drivers for Red Hat Enterprise Linux 9	kmod-hp-iavf-4.12.5-1.rhel9u4.x86_64.rpm	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	4.12.5-1 (B)	4.12.5-1.rhel9u4
275	HPE Intel iavf Drivers for Red Hat Enterprise Linux 9	kmod-hp-iavf-4.12.5-1.rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	4.12.5-1 (B)	4.12.5-1.rhel9u4
276	HPE Intel iavf Drivers for Red Hat Enterprise Linux 9	kmod-hp-iavf-4.12.5-1.rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	4.12.5-1 (B)	4.12.5-1.rhel9u4
277	HPE Intel iavf Drivers for Red Hat Enterprise Linux 9	kmod-hp-iavf-4.12.5-1.rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	4.12.5-1 (B)	4.12.5-1.rhel9u4
278	HPE Intel iavf Drivers for Red Hat Enterprise Linux 9	kmod-hp-iavf-4.12.5-1.rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	4.12.5-1 (B)	4.12.5-1.rhel9u4
279	HPE Intel iavf Drivers for Red Hat Enterprise Linux 9	kmod-hp-iavf-4.12.5-1.rhel9u4.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	4.12.5-1 (B)	4.12.5-1.rhel9u4
280	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.17.4-1.rhel8u9.x86_64.rpm	HPE Ethernet 1Gb 2-port 361i Adapter	6.17.4-1	6.17.4-1.rhel8u9
281	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.17.4-1.rhel8u9.x86_64.rpm	HPE Ethernet 1Gb 2-port 361T Adapter	6.17.4-1	6.17.4-1.rhel8u9
282	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.17.4-1.rhel8u9.x86_64.rpm	HPE Ethernet 1Gb 4-port 366FLR Adapter	6.17.4-1	6.17.4-1.rhel8u9
283	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.17.4-1.rhel8u9.x86_64.rpm	HPE Ethernet 1Gb 4-port 366T Adapter	6.17.4-1	6.17.4-1.rhel8u9
284	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.17.4-1.rhel8u9.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	6.17.4-1	6.17.4-1.rhel8u9
285	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.17.4-1.rhel8u9.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	6.17.4-1	6.17.4-1.rhel8u9
286	HPE Intel igb Drivers for Red Hat	kmod-hp-igb-6.17.4-	HPE Ethernet 1Gb	6.17.4-1	6.17.4-

	Enterprise Linux 8	1.rhel8u10.x86_64.rpm	2-port 361i Adapter		1.rhel8u10
287	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.17.4-1.rhel8u10.x86_64.rpm	HPE Ethernet 1Gb 2-port 361T Adapter	6.17.4-1	6.17.4-1.rhel8u10
288	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.17.4-1.rhel8u10.x86_64.rpm	HPE Ethernet 1Gb 4-port 366FLR Adapter	6.17.4-1	6.17.4-1.rhel8u10
289	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.17.4-1.rhel8u10.x86_64.rpm	HPE Ethernet 1Gb 4-port 366T Adapter	6.17.4-1	6.17.4-1.rhel8u10
290	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.17.4-1.rhel8u10.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	6.17.4-1	6.17.4-1.rhel8u10
291	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.17.4-1.rhel8u10.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	6.17.4-1	6.17.4-1.rhel8u10
292	HPE Intel igb Drivers for Red Hat Enterprise Linux 9	kmod-hp-igb-5.17.4-1.rhel9u4.x86_64.rpm	HPE Ethernet 1Gb 2-port 361i Adapter	5.17.4-1	5.17.4-1.rhel9u4
293	HPE Intel igb Drivers for Red Hat Enterprise Linux 9	kmod-hp-igb-5.17.4-1.rhel9u4.x86_64.rpm	HPE Ethernet 1Gb 2-port 361T Adapter	5.17.4-1	5.17.4-1.rhel9u4
294	HPE Intel igb Drivers for Red Hat Enterprise Linux 9	kmod-hp-igb-5.17.4-1.rhel9u4.x86_64.rpm	HPE Ethernet 1Gb 4-port 366FLR Adapter	5.17.4-1	5.17.4-1.rhel9u4
295	HPE Intel igb Drivers for Red Hat Enterprise Linux 9	kmod-hp-igb-5.17.4-1.rhel9u4.x86_64.rpm	HPE Ethernet 1Gb 4-port 366T Adapter	5.17.4-1	5.17.4-1.rhel9u4
296	HPE Intel igb Drivers for Red Hat Enterprise Linux 9	kmod-hp-igb-5.17.4-1.rhel9u4.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	5.17.4-1	5.17.4-1.rhel9u4
297	HPE Intel igb Drivers for Red Hat Enterprise Linux 9	kmod-hp-igb-5.17.4-1.rhel9u4.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	5.17.4-1	5.17.4-1.rhel9u4
298	HPE Intel igbn Driver for VMware vSphere 8.0	cp062161.zip	HPE Ethernet 1Gb 2-port 361i Adapter	2024.09.00	1.12.0.0-1OEM.800.1.0.20613240
299	HPE Intel igbn Driver for VMware vSphere 8.0	cp062161.zip	HPE Ethernet 1Gb 2-port 361T Adapter	2024.09.00	1.12.0.0-1OEM.800.1.0.20613240
300	HPE Intel igbn Driver for VMware vSphere 8.0	cp062161.zip	HPE Ethernet 1Gb 4-port 366FLR Adapter	2024.09.00	1.12.0.0-1OEM.800.1.0.20613240
301	HPE Intel igbn Driver for VMware vSphere 8.0	cp062161.zip	HPE Ethernet 1Gb 4-port 366T Adapter	2024.09.00	1.12.0.0-1OEM.800.1.0.20613240
302	HPE Intel igbn Driver for VMware vSphere 8.0	cp062161.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	2024.09.00	1.12.0.0-1OEM.800.1.0.20613240
303	HPE Intel igbn Driver for VMware vSphere 8.0	cp062161.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	2024.09.00	1.12.0.0-1OEM.800.1.0.20613240
304	HPE Intel igbn Driver for VMware vSphere 9.0	cp065455.zip	HPE Ethernet 1Gb 2-port 361i Adapter	2025.03.00	2025.03.00
305	HPE Intel igbn Driver for VMware vSphere 9.0	cp065455.zip	HPE Ethernet 1Gb 2-port 361T Adapter	2025.03.00	2025.03.00
306	HPE Intel igbn Driver for VMware vSphere 9.0	cp065455.zip	HPE Ethernet 1Gb 4-port 366FLR Adapter	2025.03.00	2025.03.00
307	HPE Intel igbn Driver for VMware	cp065455.zip	HPE Ethernet 1Gb	2025.03.00	2025.03.00

	vSphere 9.0		4-port 366T Adapter		
308	HPE Intel igbn Driver for VMware vSphere 9.0	cp065455.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	2025.03.00	2025.03.00
309	HPE Intel igbn Driver for VMware vSphere 9.0	cp065455.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	2025.03.00	2025.03.00
310	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbe-5.21.5-1.rhel8u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.21.5-1	5.21.5-1.rhel8u10
311	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbe-5.21.5-1.rhel8u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	5.21.5-1	5.21.5-1.rhel8u10
312	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbe-5.21.5-1.rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.21.5-1	5.21.5-1.rhel8u9
313	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbe-5.21.5-1.rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	5.21.5-1	5.21.5-1.rhel8u9
314	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 9	kmod-hp-ixgbe-5.21.5-1.rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.21.5-1	5.21.5-1.rhel9u4
315	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 9	kmod-hp-ixgbe-5.21.5-1.rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	5.21.5-1	5.21.5-1.rhel9u4
316	HPE Intel ixgben Driver for VMware vSphere 8.0	cp058394.zip	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	2024.03.00	1.18.2.0-1OEM.800.1.0.20613240
317	HPE Intel ixgben Driver for VMware vSphere 8.0	cp058394.zip	HPE Ethernet 10Gb 2-port 562T Adapter	2024.03.00	1.18.2.0-1OEM.800.1.0.20613240
318	HPE Intel ixgben Driver for VMware vSphere 9.0	cp065456.zip	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	2025.03.00	2025.03.00
319	HPE Intel ixgben Driver for VMware vSphere 9.0	cp065456.zip	HPE Ethernet 10Gb 2-port 562T Adapter	2025.03.00	2025.03.00
320	HPE Intel ixgbevf Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbevf-4.20.5-1.rhel8u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.20.5-1	4.20.5-1.rhel8u10
321	HPE Intel ixgbevf Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbevf-4.20.5-1.rhel8u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	4.20.5-1	4.20.5-1.rhel8u10
322	HPE Intel ixgbevf Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbevf-4.20.5-1.rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.20.5-1	4.20.5-1.rhel8u9
323	HPE Intel ixgbevf Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbevf-4.20.5-1.rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	4.20.5-1	4.20.5-1.rhel8u9
324	HPE Intel ixgbevf Drivers for Red Hat Enterprise Linux 9	kmod-hp-ixgbevf-4.20.5-1.rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.20.5-1	4.20.5-1.rhel9u4
325	HPE Intel ixgbevf Drivers for Red Hat Enterprise Linux 9	kmod-hp-ixgbevf-4.20.5-1.rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	4.20.5-1	4.20.5-1.rhel9u4
326	HPE Intel ixs Driver for Windows Server 2019	cp061743.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.1.254.0	4.1.254.0
327	HPE Intel ixs Driver for Windows Server 2019	cp061743.exe	HPE Ethernet 10Gb 2-port 562T Adapter	4.1.254.0	4.1.254.0
328	HPE Intel ixs Driver for Windows Server 2022	cp064929.exe	HPE Ethernet 10Gb 2-port 562FLR-T	4.1.254.0 (B)	4.1.254.0

			Adapter		
329	HPE Intel ixs Driver for Windows Server 2022	cp064929.exe	HPE Ethernet 10Gb 2-port 562T Adapter	4.1.254.0 (B)	4.1.254.0
330	HPE Intel ixs Driver for Windows Server 2025	cp064586.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.2.6.0	4.2.6.0
331	HPE Intel ixs Driver for Windows Server 2025	cp064586.exe	HPE Ethernet 10Gb 2-port 562T Adapter	4.2.6.0	4.2.6.0
332	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2019	cp064499.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	24.10.26603.0	24.10.26603.0
333	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2019	cp064499.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	24.10.26603.0	24.10.26603.0
334	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2022	cp064500.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	24.10.26603.0	24.10.26603.0
335	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2022	cp064500.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	24.10.26603.0	24.10.26603.0
336	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2025	cp064501.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	24.10.26603.0	24.10.26603.0
337	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2025	cp064501.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	24.10.26603.0	24.10.26603.0
338	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 10 (x86_64)	kmod-kernel-mft-mlnx-4.30.0-1.rhel8u10.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	4.30.0-139	4.30.0-1.rhel8u10
339	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 10 (x86_64)	kmod-kernel-mft-mlnx-4.30.0-1.rhel8u10.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	4.30.0-139	4.30.0-1.rhel8u10
340	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 10 (x86_64)	kmod-kernel-mft-mlnx-4.30.0-1.rhel8u10.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	4.30.0-139	4.30.0-1.rhel8u10
341	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 10 (x86_64)	kmod-kernel-mft-mlnx-4.30.0-1.rhel8u10.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	4.30.0-139	4.30.0-1.rhel8u10
342	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 10 (x86_64)	kmod-kernel-mft-mlnx-4.30.0-1.rhel8u10.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	4.30.0-139	4.30.0-1.rhel8u10
343	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 10 (x86_64)	kmod-kernel-mft-mlnx-4.30.0-1.rhel8u10.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	4.30.0-139	4.30.0-1.rhel8u10
344	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 10 (x86_64)	mft-4.30.0-139.rhel8u10.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	4.30.0-139	4.30.0-139.rhel8u10
345	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red	mft-4.30.0-139.rhel8u10.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-	4.30.0-139	4.30.0-139.rhel8u10

	Hat Enterprise Linux 8 Update 10 (x86_64)		ACAI OCP3 Adapter		
346	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 10 (x86_64)	mft-4.30.0-139.rhel8u10.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	4.30.0-139	4.30.0-139.rhel8u10
347	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 10 (x86_64)	mft-4.30.0-139.rhel8u10.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	4.30.0-139	4.30.0-139.rhel8u10
348	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 10 (x86_64)	mft-4.30.0-139.rhel8u10.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	4.30.0-139	4.30.0-139.rhel8u10
349	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 10 (x86_64)	mft-4.30.0-139.rhel8u10.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	4.30.0-139	4.30.0-139.rhel8u10
350	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 9 (x86_64)	mft-4.30.0-139.rhel8u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	4.30.0-139	4.30.0-139.rhel8u9
351	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 9 (x86_64)	mft-4.30.0-139.rhel8u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	4.30.0-139	4.30.0-139.rhel8u9
352	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 9 (x86_64)	mft-4.30.0-139.rhel8u9.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	4.30.0-139	4.30.0-139.rhel8u9
353	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 9 (x86_64)	mft-4.30.0-139.rhel8u9.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	4.30.0-139	4.30.0-139.rhel8u9
354	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 9 (x86_64)	mft-4.30.0-139.rhel8u9.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	4.30.0-139	4.30.0-139.rhel8u9
355	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 9 (x86_64)	mft-4.30.0-139.rhel8u9.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	4.30.0-139	4.30.0-139.rhel8u9
356	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 9 (x86_64)	kmod-kernel-mft-mlnx-4.30.0-1.rhel8u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	4.30.0-139	4.30.0-1.rhel8u9
357	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 9 (x86_64)	kmod-kernel-mft-mlnx-4.30.0-1.rhel8u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	4.30.0-139	4.30.0-1.rhel8u9
358	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 9	kmod-kernel-mft-mlnx-4.30.0-1.rhel8u9.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	4.30.0-139	4.30.0-1.rhel8u9

	(x86_64)				
359	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 9 (x86_64)	kmod-kernel-mft-mlnx-4.30.0-1.rhel8u9.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	4.30.0-139	4.30.0-1.rhel8u9
360	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 9 (x86_64)	kmod-kernel-mft-mlnx-4.30.0-1.rhel8u9.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	4.30.0-139	4.30.0-1.rhel8u9
361	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 9 (x86_64)	kmod-kernel-mft-mlnx-4.30.0-1.rhel8u9.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	4.30.0-139	4.30.0-1.rhel8u9
362	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 4 (x86_64)	kmod-kernel-mft-mlnx-4.30.0-1.rhel9u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	4.30.0-139	4.30.0-1.rhel9u4
363	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 4 (x86_64)	kmod-kernel-mft-mlnx-4.30.0-1.rhel9u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	4.30.0-139	4.30.0-1.rhel9u4
364	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 4 (x86_64)	kmod-kernel-mft-mlnx-4.30.0-1.rhel9u4.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	4.30.0-139	4.30.0-1.rhel9u4
365	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 4 (x86_64)	kmod-kernel-mft-mlnx-4.30.0-1.rhel9u4.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	4.30.0-139	4.30.0-1.rhel9u4
366	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 4 (x86_64)	kmod-kernel-mft-mlnx-4.30.0-1.rhel9u4.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	4.30.0-139	4.30.0-1.rhel9u4
367	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 4 (x86_64)	kmod-kernel-mft-mlnx-4.30.0-1.rhel9u4.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	4.30.0-139	4.30.0-1.rhel9u4
368	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 4 (x86_64)	mft-4.30.0-139.rhel9u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	4.30.0-139	4.30.0-139.rhel9u4
369	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 4 (x86_64)	mft-4.30.0-139.rhel9u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	4.30.0-139	4.30.0-139.rhel9u4
370	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 4 (x86_64)	mft-4.30.0-139.rhel9u4.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	4.30.0-139	4.30.0-139.rhel9u4
371	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 4 (x86_64)	mft-4.30.0-139.rhel9u4.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	4.30.0-139	4.30.0-139.rhel9u4

372	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 4 (x86_64)	mft-4.30.0-139.rhel9u4.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	4.30.0-139	4.30.0-139.rhel9u4
373	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 4 (x86_64)	mft-4.30.0-139.rhel9u4.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	4.30.0-139	4.30.0-139.rhel9u4
374	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 10 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u10.x86_64.rpm	MLX MCX631102 10/25GbE 2p SFP28 Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u10
375	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 10 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u10.x86_64.rpm	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u10
376	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 10 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u10.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u10
377	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 10 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u10.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u10
378	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 10 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u10.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u10
379	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 10 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u10.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u10
380	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 10 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u10.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u10
381	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 10 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u10.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u10
382	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 10 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u10.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u10
383	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 10 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u10.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u10
384	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 10 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u10.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u10
385	HPE Mellanox RoCE ConnectX-4,	mlnx-ofa_kernel-24.10-	MLX MCX631102	24.10-0.7.0.1	24.10-

	ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 10 (x86_64)	OFED.24.10.0.7.0.1.rhel8u10.x86_64.rpm	10/25GbE 2p SFP28 Adptr		OFED.24.10.0.7.0.1.rhel8u10
386	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 10 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u10.x86_64.rpm	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u10
387	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 10 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u10.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u10
388	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 10 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u10.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u10
389	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 10 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u10.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u10
390	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 10 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u10.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u10
391	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 10 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u10.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u10
392	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 10 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u10.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u10
393	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 10 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u10.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u10
394	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 10 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u10.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u10
395	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 10 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u10.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u10
396	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 9 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u9.x86_64.rpm	MLX MCX631102 10/25GbE 2p SFP28 Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u9
397	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 9 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u9.x86_64.rpm	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u9
398	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 9 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u9

399	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 9 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u9
400	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 9 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u9.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u9
401	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 9 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u9.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u9
402	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 9 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u9.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u9
403	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 9 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u9.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u9
404	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 9 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u9.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u9
405	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 9 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u9.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u9
406	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 9 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u9.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u9
407	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 9 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u9.x86_64.rpm	MLX MCX631102 10/25GbE 2p SFP28 Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u9
408	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 9 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u9.x86_64.rpm	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u9
409	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 9 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u9
410	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 9 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u9
411	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 9 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u9.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u9
412	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 9 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u9.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u9
413	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 9 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u9.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u9
414	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u9

	Enterprise Linux 8 Update 9 (x86_64)	8u9.x86_64.rpm			
415	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 9 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u9.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u9
416	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 9 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u9.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u9
417	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 9 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel8u9.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel8u9
418	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	MLX MCX631102 10/25GbE 2p SFP28 Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
419	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
420	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
421	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
422	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
423	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
424	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
425	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
426	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
427	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
428	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
429	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	HPE IB NDR200/EN 200G 1p OSFP Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
430	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and	kmod-mlnx-ofa_kernel-24.10-	MLX MCX631102 10/25GbE 2p SFP28	24.10-0.7.0.1	24.10-OFED.24.10.0.

	ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	Adptr		7.0.1.rhel9u4
431	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
432	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
433	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
434	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
435	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
436	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
437	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
438	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
439	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
440	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
441	HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)	kmod-mlnx-ofa_kernel-24.10-OFED.24.10.0.7.0.1.rhel9u4.x86_64.rpm	HPE IB NDR200/EN 200G 1p OSFP Adptr	24.10-0.7.0.1	24.10-OFED.24.10.0.7.0.1.rhel9u4
442	HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 8	kmod-qlgc-fastlinq-8.74.6.0-1.rhel8u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 521T Adapter	8.74.6.0-1	8.74.6.0-1.rhel8u10
443	HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 8	kmod-qlgc-fastlinq-8.74.6.0-1.rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 521T Adapter	8.74.6.0-1	8.74.6.0-1.rhel8u9
444	HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 9	kmod-qlgc-fastlinq-8.74.6.0-1.rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 521T Adapter	8.74.6.0-5	8.74.6.0-1.rhel9u4
445	HPE QLogic FastLinQ 10/25/50 GbE Drivers for Windows Server x64 Editions	cp064343.exe	HPE Ethernet 10Gb 2-port 521T Adapter	8.72.21.0	8.72.21.0
446	HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 8.0	cp064342.zip	HPE Ethernet 10Gb 2-port 521T Adapter	2025.03.00	6.0.402.0-1OEM.800.1.0.20613240
447	HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 9.0	cp064705.zip	HPE Ethernet 10Gb 2-port 521T Adapter	2025.03.00	2025.03.00

448	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 8.0	cp064345.zip	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	2025.03.00	3.0.251.0-1OEM.700.1.0.15843807
449	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 8.0	cp064345.zip	HPE Ethernet 10Gb 2-port 530T Adapter	2025.03.00	3.0.251.0-1OEM.700.1.0.15843807
450	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 8.0	cp064345.zip	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	2025.03.00	3.0.251.0-1OEM.700.1.0.15843807
451	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 9.0	cp064706.zip	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	2025.03.00	2025.03.00
452	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 9.0	cp064706.zip	HPE Ethernet 10Gb 2-port 530T Adapter	2025.03.00	2025.03.00
453	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 9.0	cp064706.zip	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	2025.03.00	2025.03.00
454	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8	kmod-netxtreme2-7.15.24-1.rhel8u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	7.15.24-1	7.15.24-1.rhel8u10
455	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8	kmod-netxtreme2-7.15.24-1.rhel8u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 530T Adapter	7.15.24-1	7.15.24-1.rhel8u10
456	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8	kmod-netxtreme2-7.15.24-1.rhel8u10.x86_64.rpm	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.15.24-1	7.15.24-1.rhel8u10
457	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8	kmod-netxtreme2-7.15.24-1.rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	7.15.24-1	7.15.24-1.rhel8u9
458	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8	kmod-netxtreme2-7.15.24-1.rhel8u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 530T Adapter	7.15.24-1	7.15.24-1.rhel8u9
459	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8	kmod-netxtreme2-7.15.24-1.rhel8u9.x86_64.rpm	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.15.24-1	7.15.24-1.rhel8u9
460	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 9	kmod-netxtreme2-7.15.24-1.rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	7.15.24-5	7.15.24-1.rhel9u4
461	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 9	kmod-netxtreme2-7.15.24-1.rhel9u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 530T Adapter	7.15.24-5	7.15.24-1.rhel9u4
462	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 9	kmod-netxtreme2-7.15.24-1.rhel9u4.x86_64.rpm	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.15.24-5	7.15.24-1.rhel9u4
463	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp064708.exe	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	7.13.221.0	7.13.221.0
464	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp064708.exe	HPE Ethernet 10Gb 2-port 530T Adapter	7.13.221.0	7.13.221.0
465	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp064708.exe	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.13.221.0	7.13.221.0
466	Intel i350 Driver for Windows Server 2019	cp061673.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	14.0.5.0	14.0.5.0
467	Intel i350 Driver for Windows Server 2019	cp061673.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	14.0.5.0	14.0.5.0
468	Intel i350 Driver for Windows Server 2022	cp064927.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	14.0.5.0 (B)	14.0.5.0

469	Intel i350 Driver for Windows Server 2022	cp064927.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	14.0.5.0 (B)	14.0.5.0
470	Intel i350 Driver for Windows Server 2025	cp064592.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	14.1.5.0	14.1.5.0
471	Intel i350 Driver for Windows Server 2025	cp064592.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	14.1.5.0	14.1.5.0
472	Intel i40ea Driver for Windows Server 2019	cp061671.exe	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	1.19.164.0	1.19.164.0
473	Intel i40ea Driver for Windows Server 2019	cp061671.exe	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	1.19.164.0	1.19.164.0
474	Intel i40ea Driver for Windows Server 2022	cp065126.exe	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	1.19.165.0 (B)	1.19.165.0
475	Intel i40ea Driver for Windows Server 2022	cp065126.exe	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	1.19.165.0 (B)	1.19.165.0
476	Intel i40ea Driver for Windows Server 2025	cp064591.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.19.267.0	1.19.267.0
477	Intel i40ea Driver for Windows Server 2025	cp064591.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.19.267.0	1.19.267.0
478	Intel i40ea Driver for Windows Server 2025	cp064591.exe	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	1.19.267.0	1.19.267.0
479	Intel i40ea Driver for Windows Server 2025	cp064591.exe	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	1.19.267.0	1.19.267.0
480	Intel ice Drivers for Red Hat Enterprise Linux 8	kmod-ice-1.15.4-1.rhel8u10.x86_64.rpm	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	1.15.4-1	1.15.4-1.rhel8u10
481	Intel ice Drivers for Red Hat Enterprise Linux 8	kmod-ice-1.15.4-1.rhel8u10.x86_64.rpm	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	1.15.4-1	1.15.4-1.rhel8u10
482	Intel ice Drivers for Red Hat Enterprise Linux 8	kmod-ice-1.15.4-1.rhel8u10.x86_64.rpm	Intel E810-XXVDA2 adapter	1.15.4-1	1.15.4-1.rhel8u10
483	Intel ice Drivers for Red Hat Enterprise Linux 8	kmod-ice-1.15.4-1.rhel8u10.x86_64.rpm	Intel E810-XXVDA2 OCP3 adapter	1.15.4-1	1.15.4-1.rhel8u10
484	Intel ice Drivers for Red Hat Enterprise Linux 8	kmod-ice-1.15.4-1.rhel8u10.x86_64.rpm	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	1.15.4-1	1.15.4-1.rhel8u10
485	Intel ice Drivers for Red Hat Enterprise Linux 8	kmod-ice-1.15.4-1.rhel8u9.x86_64.rpm	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	1.15.4-1	1.15.4-1.rhel8u9
486	Intel ice Drivers for Red Hat Enterprise Linux 8	kmod-ice-1.15.4-1.rhel8u9.x86_64.rpm	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	1.15.4-1	1.15.4-1.rhel8u9
487	Intel ice Drivers for Red Hat Enterprise Linux 8	kmod-ice-1.15.4-1.rhel8u9.x86_64.rpm	Intel E810-XXVDA2 adapter	1.15.4-1	1.15.4-1.rhel8u9
488	Intel ice Drivers for Red Hat Enterprise Linux 8	kmod-ice-1.15.4-1.rhel8u9.x86_64.rpm	Intel E810-XXVDA2 OCP3 adapter	1.15.4-1	1.15.4-1.rhel8u9
489	Intel ice Drivers for Red Hat Enterprise Linux 8	kmod-ice-1.15.4-1.rhel8u9.x86_64.rpm	Intel E810-XXVDA4 Ethernet 10/25Gb	1.15.4-1	1.15.4-1.rhel8u9

			4-port SFP28 Adapter for HPE		
490	Intel ice Drivers for Red Hat Enterprise Linux 9	kmod-ice-1.15.4-1.rhel9u4.x86_64.rpm	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	1.15.4-1 (B)	1.15.4-1.rhel9u4
491	Intel ice Drivers for Red Hat Enterprise Linux 9	kmod-ice-1.15.4-1.rhel9u4.x86_64.rpm	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	1.15.4-1 (B)	1.15.4-1.rhel9u4
492	Intel ice Drivers for Red Hat Enterprise Linux 9	kmod-ice-1.15.4-1.rhel9u4.x86_64.rpm	Intel E810-XXVDA2 adapter	1.15.4-1 (B)	1.15.4-1.rhel9u4
493	Intel ice Drivers for Red Hat Enterprise Linux 9	kmod-ice-1.15.4-1.rhel9u4.x86_64.rpm	Intel E810-XXVDA2 OCP3 adapter	1.15.4-1 (B)	1.15.4-1.rhel9u4
494	Intel ice Drivers for Red Hat Enterprise Linux 9	kmod-ice-1.15.4-1.rhel9u4.x86_64.rpm	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	1.15.4-1 (B)	1.15.4-1.rhel9u4
495	Intel icea Driver for Microsoft Windows Server 2022	cp064926.exe	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	1.15.121.0 (C)	1.15.121.0
496	Intel icea Driver for Microsoft Windows Server 2022	cp064926.exe	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	1.15.121.0 (C)	1.15.121.0
497	Intel icea Driver for Microsoft Windows Server 2022	cp064926.exe	Intel E810-XXVDA2 adapter	1.15.121.0 (C)	1.15.121.0
498	Intel icea Driver for Microsoft Windows Server 2022	cp064926.exe	Intel E810-XXVDA2 OCP3 adapter	1.15.121.0 (C)	1.15.121.0
499	Intel icea Driver for Microsoft Windows Server 2022	cp064926.exe	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	1.15.121.0 (C)	1.15.121.0
500	Intel icea Driver for Microsoft Windows Server 2025	cp065620.exe	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	1.15.302.0 (B)	1.15.302.0
501	Intel icea Driver for Microsoft Windows Server 2025	cp065620.exe	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	1.15.302.0 (B)	1.15.302.0
502	Intel icea Driver for Microsoft Windows Server 2025	cp065620.exe	Intel E810-XXVDA2 adapter	1.15.302.0 (B)	1.15.302.0
503	Intel icea Driver for Microsoft Windows Server 2025	cp065620.exe	Intel E810-XXVDA2 OCP3 adapter	1.15.302.0 (B)	1.15.302.0
504	Intel icea Driver for Microsoft Windows Server 2025	cp065620.exe	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	1.15.302.0 (B)	1.15.302.0
505	Intel icea Driver for Windows Server 2019	cp061669.exe	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	1.15.121.0	1.15.121.0
506	Intel icea Driver for Windows Server 2019	cp061669.exe	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	1.15.121.0	1.15.121.0
507	Intel icea Driver for Windows Server 2019	cp061669.exe	Intel E810-XXVDA2 adapter	1.15.121.0	1.15.121.0
508	Intel icea Driver for Windows Server 2019	cp061669.exe	Intel E810-XXVDA2 OCP3 adapter	1.15.121.0	1.15.121.0
509	Intel icea Driver for Windows Server 2019	cp061669.exe	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	1.15.121.0	1.15.121.0

510	Intel icen Driver for VMware vSphere 8.0	cp065675.zip	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	2025.03.00	1.15.2.0-1OEM.800.1.0.20613240
511	Intel icen Driver for VMware vSphere 8.0	cp065675.zip	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	2025.03.00	1.15.2.0-1OEM.800.1.0.20613240
512	Intel icen Driver for VMware vSphere 8.0	cp065675.zip	Intel E810-XXVDA2 adapter	2025.03.00	1.15.2.0-1OEM.800.1.0.20613240
513	Intel icen Driver for VMware vSphere 8.0	cp065675.zip	Intel E810-XXVDA2 OCP3 adapter	2025.03.00	1.15.2.0-1OEM.800.1.0.20613240
514	Intel icen Driver for VMware vSphere 8.0	cp065675.zip	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	2025.03.00	1.15.2.0-1OEM.800.1.0.20613240
515	Intel icen Driver for VMware vSphere 9.0	cp065336.zip	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	2025.03.00	2025.03.00
516	Intel icen Driver for VMware vSphere 9.0	cp065336.zip	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	2025.03.00	2025.03.00
517	Intel icen Driver for VMware vSphere 9.0	cp065336.zip	Intel E810-XXVDA2 adapter	2025.03.00	2025.03.00
518	Intel icen Driver for VMware vSphere 9.0	cp065336.zip	Intel E810-XXVDA2 OCP3 adapter	2025.03.00	2025.03.00
519	Intel icen Driver for VMware vSphere 9.0	cp065336.zip	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	2025.03.00	2025.03.00
520	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2019	cp064497.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	24.10.26603.0	24.10.26603.0
521	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2019	cp064497.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	24.10.26603.0	24.10.26603.0
522	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2019	cp064497.exe	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	24.10.26603.0	24.10.26603.0
523	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2019	cp064497.exe	MLX MCX631102 10/25GbE 2p SFP28 Adptr	24.10.26603.0	24.10.26603.0
524	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2019	cp064497.exe	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	24.10.26603.0	24.10.26603.0
525	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2022	cp064498.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	24.10.26603.0	24.10.26603.0
526	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2022	cp064498.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	24.10.26603.0	24.10.26603.0
527	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2022	cp064498.exe	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	24.10.26603.0	24.10.26603.0

528	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2022	cp064498.exe	MLX MCX631102 10/25GbE 2p SFP28 Adptr	24.10.26603.0	24.10.26603.0
529	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2022	cp064498.exe	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	24.10.26603.0	24.10.26603.0
530	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2025	cp064502.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	24.10.26603.0	24.10.26603.0
531	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2025	cp064502.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	24.10.26603.0	24.10.26603.0
532	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2025	cp064502.exe	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	24.10.26603.0	24.10.26603.0
533	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2025	cp064502.exe	MLX MCX631102 10/25GbE 2p SFP28 Adptr	24.10.26603.0	24.10.26603.0
534	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2025	cp064502.exe	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	24.10.26603.0	24.10.26603.0

6.2.5 Driver - Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
535	HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 controller Driver for 64-bit Red Hat Enterprise Linux 8	kmod-megaraid_sas-07.730.01.00_rhel8u9-2.x86_64.rpm	Broadcom MR416i-p Cntrl for HPE Gen10+	07.730.01.00	07.730.01.00_rhel8u9-2
536	HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 controller Driver for 64-bit Red Hat Enterprise Linux 8	kmod-megaraid_sas-07.730.01.00_rhel8u9-2.x86_64.rpm	Broadcom MR216i-p Cntrl for HPE Gen10+	07.730.01.00	07.730.01.00_rhel8u9-2
537	HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 controller Driver for 64-bit Red Hat Enterprise Linux 8	kmod-megaraid_sas-07.730.01.00_rhel8u9-2.x86_64.rpm	Broadcom MR416i-a Cntrl for HPE Gen10+	07.730.01.00	07.730.01.00_rhel8u9-2
538	HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 controller Driver for 64-bit Red Hat Enterprise Linux 8	kmod-megaraid_sas-07.730.01.00_rhel8u9-2.x86_64.rpm	Broadcom MR216i-a Cntrl for HPE Gen10+	07.730.01.00	07.730.01.00_rhel8u9-2
539	HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 controller Driver for 64-bit Red Hat Enterprise Linux 9	kmod-megaraid_sas-07.730.01.00_rhel9u4-2.x86_64.rpm	Broadcom MR416i-p Cntrl for HPE Gen10+	07.730.01.00 (B)	07.730.01.00_rhel9u4-2
540	HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 controller Driver for 64-bit Red Hat Enterprise Linux 9	kmod-megaraid_sas-07.730.01.00_rhel9u4-2.x86_64.rpm	Broadcom MR216i-p Cntrl for HPE Gen10+	07.730.01.00 (B)	07.730.01.00_rhel9u4-2

541	HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 controller Driver for 64-bit Red Hat Enterprise Linux 9	kmod-megaraid_sas-07.730.01.00_rhel9u4-2.x86_64.rpm	Broadcom MR416i-a Cntrl for HPE Gen10+	07.730.01.00 (B)	07.730.01.00_rhel9u4-2
542	HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 controller Driver for 64-bit Red Hat Enterprise Linux 9	kmod-megaraid_sas-07.730.01.00_rhel9u4-2.x86_64.rpm	Broadcom MR216i-a Cntrl for HPE Gen10+	07.730.01.00 (B)	07.730.01.00_rhel9u4-2
543	HPE MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10 Controller and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 controllers Driver for Microsoft Windows 2019 edition	cp063729.exe	Broadcom MR416i-p Cntrl for HPE Gen10+	7.730.2.0	7.730.2.0
544	HPE MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10 Controller and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 controllers Driver for Microsoft Windows 2019 edition	cp063729.exe	Broadcom MR416i-a Cntrl for HPE Gen10+	7.730.2.0	7.730.2.0
545	HPE MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10 Controller and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 controllers Driver for Microsoft Windows 2019 edition	cp063729.exe	Broadcom MR216i-p Cntrl for HPE Gen10+	7.730.2.0	7.730.2.0
546	HPE MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10 Controller and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 controllers Driver for Microsoft Windows 2019 edition	cp063729.exe	Broadcom MR216i-a Cntrl for HPE Gen10+	7.730.2.0	7.730.2.0
547	HPE MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10 Controller and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 controllers driver for Microsoft Windows 2025 edition	cp065468.exe	Broadcom MR416i-p Cntrl for HPE Gen10+	7.730.2.0 (B)	7.730.2.0
548	HPE MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10 Controller and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 controllers driver for Microsoft Windows 2025 edition	cp065468.exe	Broadcom MR416i-a Cntrl for HPE Gen10+	7.730.2.0 (B)	7.730.2.0
549	HPE MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10 Controller and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 controllers driver for Microsoft Windows 2025 edition	cp065468.exe	Broadcom MR216i-p Cntrl for HPE Gen10+	7.730.2.0 (B)	7.730.2.0
550	HPE MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10 Controller and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 controllers driver for Microsoft Windows 2025 edition	cp065468.exe	Broadcom MR216i-a Cntrl for HPE Gen10+	7.730.2.0 (B)	7.730.2.0
551	HPE MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen10P and Gen11 controller (64-bit) Driver for vSphere 8.0	cp065469.zip	Broadcom MR416i-p Cntrl for HPE Gen10+	2025.01.01 (B)	7.730.01.00-1OEM.800.1.0.20613240
552	HPE MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p	cp065469.zip	Broadcom MR416i-a Cntrl for HPE	2025.01.01 (B)	7.730.01.00-1OEM.800.1.0

	Gen10P and Gen11 controller (64-bit) Driver for vSphere 8.0		Gen10+		.20613240
553	HPE MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen10P and Gen11 controller (64-bit) Driver for vSphere 8.0	cp065469.zip	Broadcom MR216i-p Cntrl for HPE Gen10+	2025.01.01 (B)	7.730.01.00-1OEM.800.1.0.20613240
554	HPE MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen10P and Gen11 controller (64-bit) Driver for vSphere 8.0	cp065469.zip	Broadcom MR216i-a Cntrl for HPE Gen10+	2025.01.01 (B)	7.730.01.00-1OEM.800.1.0.20613240
555	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 8.0 (Driver Component).	cp062918.zip	HPE Smart Array E208e-p SR Gen10 Controller	2025.02.01	80.4704.0.108-1OEM.800.1.0.20613240
556	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 8.0 (Driver Component).	cp062918.zip	Microchip SR416i-a Cntrl for HPE Gen10+	2025.02.01	80.4704.0.108-1OEM.800.1.0.20613240
557	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 8.0 (Driver Component).	cp062918.zip	Microchip SR932i-p Cntrl for HPE Gen10+	2025.02.01	80.4704.0.108-1OEM.800.1.0.20613240
558	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 8.0 (Driver Component).	cp062918.zip	HPE Smart Array P816i-a SR Gen10 Controller	2025.02.01	80.4704.0.108-1OEM.800.1.0.20613240
559	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 8.0 (Driver Component).	cp062918.zip	HPE Smart Array P408i-a SR Gen10 Controller	2025.02.01	80.4704.0.108-1OEM.800.1.0.20613240
560	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 8.0 (Driver Component).	cp062918.zip	HPE Smart Array P408i-p SR Gen10 Controller	2025.02.01	80.4704.0.108-1OEM.800.1.0.20613240
561	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 8.0 (Driver Component).	cp062918.zip	HPE Smart Array E208i-a SR Gen10 Controller	2025.02.01	80.4704.0.108-1OEM.800.1.0.20613240
562	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 8.0 (Driver Component).	cp062918.zip	HPE Smart Array E208i-p SR Gen10 Controller	2025.02.01	80.4704.0.108-1OEM.800.1.0.20613240
563	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.32-035.rhel8u9.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	2.1.32-035	2.1.32-035.rhel8u9
564	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.32-035.rhel8u9.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	2.1.32-035	2.1.32-035.rhel8u9
565	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.32-035.rhel8u9.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	2.1.32-035	2.1.32-035.rhel8u9
566	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.32-035.rhel8u9.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	2.1.32-035	2.1.32-035.rhel8u9
567	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.32-035.rhel8u9.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	2.1.32-035	2.1.32-035.rhel8u9
568	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.32-035.rhel8u9.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	2.1.32-035	2.1.32-035.rhel8u9

569	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.32-035.rhel8u9.x86_64.rpm	Microchip SR932i-p Cntrl for HPE Gen10+	2.1.32-035	2.1.32-035.rhel8u9
570	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.32-035.rhel8u9.x86_64.rpm	Microchip SR416i-a Cntrl for HPE Gen10+	2.1.32-035	2.1.32-035.rhel8u9
571	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.32-035.rhel8u10.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	2.1.32-035	2.1.32-035.rhel8u10
572	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.32-035.rhel8u10.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	2.1.32-035	2.1.32-035.rhel8u10
573	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.32-035.rhel8u10.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	2.1.32-035	2.1.32-035.rhel8u10
574	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.32-035.rhel8u10.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	2.1.32-035	2.1.32-035.rhel8u10
575	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.32-035.rhel8u10.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	2.1.32-035	2.1.32-035.rhel8u10
576	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.32-035.rhel8u10.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	2.1.32-035	2.1.32-035.rhel8u10
577	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.32-035.rhel8u10.x86_64.rpm	Microchip SR932i-p Cntrl for HPE Gen10+	2.1.32-035	2.1.32-035.rhel8u10
578	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.32-035.rhel8u10.x86_64.rpm	Microchip SR416i-a Cntrl for HPE Gen10+	2.1.32-035	2.1.32-035.rhel8u10
579	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 9 (64-bit)	kmod-smartpqi-2.1.32-035.rhel9u4.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	2.1.32-035	2.1.32-035.rhel9u4
580	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 9 (64-bit)	kmod-smartpqi-2.1.32-035.rhel9u4.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	2.1.32-035	2.1.32-035.rhel9u4
581	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 9 (64-bit)	kmod-smartpqi-2.1.32-035.rhel9u4.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	2.1.32-035	2.1.32-035.rhel9u4
582	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 9 (64-bit)	kmod-smartpqi-2.1.32-035.rhel9u4.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	2.1.32-035	2.1.32-035.rhel9u4
583	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 9 (64-bit)	kmod-smartpqi-2.1.32-035.rhel9u4.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	2.1.32-035	2.1.32-035.rhel9u4
584	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 9 (64-bit)	kmod-smartpqi-2.1.32-035.rhel9u4.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	2.1.32-035	2.1.32-035.rhel9u4
585	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit)	kmod-smartpqi-2.1.32-035.rhel9u4.x86_64.rp	Microchip SR932i-p Cntrl for HPE	2.1.32-035	2.1.32-035.rhel9u4

	Driver for Red Hat Enterprise Linux 9 (64-bit)	m	Gen10+		
586	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 9 (64-bit)	kmod-smartpqi-2.1.32-035.rhel9u4.x86_64.rpm	Microchip SR416i-a Cntrl for HPE Gen10+	2.1.32-035	2.1.32-035.rhel9u4
587	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2019, Windows Server 2022 and Windows Server 2025	cp062903.exe	HPE Smart Array P408i-a SR Gen10 Controller	1016.10.0.1004	1016.10.0.1004
588	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2019, Windows Server 2022 and Windows Server 2025	cp062903.exe	HPE Smart Array P408i-p SR Gen10 Controller	1016.10.0.1004	1016.10.0.1004
589	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2019, Windows Server 2022 and Windows Server 2025	cp062903.exe	HPE Smart Array P816i-a SR Gen10 Controller	1016.10.0.1004	1016.10.0.1004
590	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2019, Windows Server 2022 and Windows Server 2025	cp062903.exe	HPE Smart Array E208e-p SR Gen10 Controller	1016.10.0.1004	1016.10.0.1004
591	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2019, Windows Server 2022 and Windows Server 2025	cp062903.exe	HPE Smart Array E208i-a SR Gen10 Controller	1016.10.0.1004	1016.10.0.1004
592	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2019, Windows Server 2022 and Windows Server 2025	cp062903.exe	HPE Smart Array E208i-p SR Gen10 Controller	1016.10.0.1004	1016.10.0.1004
593	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2019, Windows Server 2022 and Windows Server 2025	cp062903.exe	Microchip SR932i-p Cntrl for HPE Gen10+	1016.10.0.1004	1016.10.0.1004
594	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2019, Windows Server 2022 and Windows Server 2025	cp062903.exe	Microchip SR416i-a Cntrl for HPE Gen10+	1016.10.0.1004	1016.10.0.1004
595	MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10 Controller and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 controllers driver for Microsoft Windows 2022 edition	cp065467.exe	Broadcom MR416i-p Cntrl for HPE Gen10+	7.730.2.0 (B)	7.730.2.0
596	MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10 Controller and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 controllers driver for Microsoft Windows 2022 edition	cp065467.exe	Broadcom MR416i-a Cntrl for HPE Gen10+	7.730.2.0 (B)	7.730.2.0
597	MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10 Controller and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 controllers driver for Microsoft Windows 2022 edition	cp065467.exe	Broadcom MR216i-p Cntrl for HPE Gen10+	7.730.2.0 (B)	7.730.2.0
598	MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10 Controller and	cp065467.exe	Broadcom MR216i-a Cntrl for HPE	7.730.2.0 (B)	7.730.2.0

	MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 controllers driver for Microsoft Windows 2022 edition		Gen10+		

6.2.6 Driver - Storage Fibre Channel and Fibre Channel over Ethernet

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
599	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp063482.exe	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	14.4.393.20	14.4.393.20
600	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp063482.exe	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	14.4.393.20	14.4.393.20
601	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp063482.exe	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	14.4.393.20	14.4.393.20
602	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp063482.exe	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	14.4.393.20	14.4.393.20
603	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp063482.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	14.4.393.20	14.4.393.20
604	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp063482.exe	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	14.4.393.20	14.4.393.20
605	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp063483.exe	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	14.4.393.20	14.4.393.20
606	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp063483.exe	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	14.4.393.20	14.4.393.20
607	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp063483.exe	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	14.4.393.20	14.4.393.20
608	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp063483.exe	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	14.4.393.20	14.4.393.20
609	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp063483.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	14.4.393.20	14.4.393.20
610	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp063483.exe	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	14.4.393.20	14.4.393.20
611	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2025	cp063484.exe	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	14.4.393.20	14.4.393.20
612	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2025	cp063484.exe	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	14.4.393.20	14.4.393.20
613	HPE Storage Fibre Channel Adapter	cp063484.exe	HPE SN1600E 32Gb	14.4.393.20	14.4.393.20

	Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2025		Dual Port Fibre Channel Host Bus Adapter		
614	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2025	cp063484.exe	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	14.4.393.20	14.4.393.20
615	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2025	cp063484.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	14.4.393.20	14.4.393.20
616	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2025	cp063484.exe	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	14.4.393.20	14.4.393.20
617	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp063824.exe	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	9.4.11.20	9.4.11.20
618	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp063824.exe	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	9.4.11.20	9.4.11.20
619	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp063824.exe	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	9.4.11.20	9.4.11.20
620	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp063824.exe	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	9.4.11.20	9.4.11.20
621	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp063824.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	9.4.11.20	9.4.11.20
622	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp063824.exe	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	9.4.11.20	9.4.11.20
623	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp063825.exe	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	9.4.11.20	9.4.11.20
624	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp063825.exe	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	9.4.11.20	9.4.11.20
625	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp063825.exe	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	9.4.11.20	9.4.11.20
626	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp063825.exe	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	9.4.11.20	9.4.11.20
627	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp063825.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	9.4.11.20	9.4.11.20
628	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp063825.exe	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	9.4.11.20	9.4.11.20
629	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2025	cp063826.exe	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus	9.4.11.20	9.4.11.20

			Adapter		
630	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2025	cp063826.exe	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	9.4.11.20	9.4.11.20
631	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2025	cp063826.exe	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	9.4.11.20	9.4.11.20
632	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2025	cp063826.exe	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	9.4.11.20	9.4.11.20
633	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2025	cp063826.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	9.4.11.20	9.4.11.20
634	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2025	cp063826.exe	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	9.4.11.20	9.4.11.20
635	Red Hat Enterprise Linux 8 Update 10 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.4.329.9-1.rhel8u10.x86_64.rpm	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	14.4.329.9	14.4.329.9-1.rhel8u10
636	Red Hat Enterprise Linux 8 Update 10 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.4.329.9-1.rhel8u10.x86_64.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	14.4.329.9	14.4.329.9-1.rhel8u10
637	Red Hat Enterprise Linux 8 Update 10 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.4.329.9-1.rhel8u10.x86_64.rpm	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	14.4.329.9	14.4.329.9-1.rhel8u10
638	Red Hat Enterprise Linux 8 Update 10 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.4.329.9-1.rhel8u10.x86_64.rpm	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	14.4.329.9	14.4.329.9-1.rhel8u10
639	Red Hat Enterprise Linux 8 Update 10 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.4.329.9-1.rhel8u10.x86_64.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	14.4.329.9	14.4.329.9-1.rhel8u10
640	Red Hat Enterprise Linux 8 Update 10 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.4.329.9-1.rhel8u10.x86_64.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	14.4.329.9	14.4.329.9-1.rhel8u10
641	Red Hat Enterprise Linux 8 Update 10 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.13.03_k1-1.rhel8u10.x86_64.rpm	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	10.02.13.03-k1	10.02.13.03_k1-1.rhel8u10
642	Red Hat Enterprise Linux 8 Update 10 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.13.03_k1-1.rhel8u10.x86_64.rpm	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	10.02.13.03-k1	10.02.13.03_k1-1.rhel8u10
643	Red Hat Enterprise Linux 8 Update 10 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.13.03_k1-1.rhel8u10.x86_64.rpm	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	10.02.13.03-k1	10.02.13.03_k1-1.rhel8u10
644	Red Hat Enterprise Linux 8 Update 10 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.13.03_k1-1.rhel8u10.x86_64.rpm	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	10.02.13.03-k1	10.02.13.03_k1-1.rhel8u10
645	Red Hat Enterprise Linux 8 Update 10 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.13.03_k1-1.rhel8u10.x86_64.rpm	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	10.02.13.03-k1	10.02.13.03_k1-1.rhel8u10
646	Red Hat Enterprise Linux 8 Update 10	kmod-qlgc-qla2xxx-	HPE SN1610Q 32Gb	10.02.13.03-	10.02.13.03_k

	Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	10.02.13.03_k1-1.rhel8u10.x86_64.rpm	2-port Fibre Channel Host Bus Adapter	k1	1-1.rhel8u10
647	Red Hat Enterprise Linux 8 Update 9 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.4.329.9-1.rhel8u9.x86_64.rpm	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	14.4.329.9	14.4.329.9-1.rhel8u9
648	Red Hat Enterprise Linux 8 Update 9 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.4.329.9-1.rhel8u9.x86_64.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	14.4.329.9	14.4.329.9-1.rhel8u9
649	Red Hat Enterprise Linux 8 Update 9 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.4.329.9-1.rhel8u9.x86_64.rpm	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	14.4.329.9	14.4.329.9-1.rhel8u9
650	Red Hat Enterprise Linux 8 Update 9 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.4.329.9-1.rhel8u9.x86_64.rpm	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	14.4.329.9	14.4.329.9-1.rhel8u9
651	Red Hat Enterprise Linux 8 Update 9 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.4.329.9-1.rhel8u9.x86_64.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	14.4.329.9	14.4.329.9-1.rhel8u9
652	Red Hat Enterprise Linux 8 Update 9 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.4.329.9-1.rhel8u9.x86_64.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	14.4.329.9	14.4.329.9-1.rhel8u9
653	Red Hat Enterprise Linux 8 Update 9 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.13.03_k1-1.rhel8u9.x86_64.rpm	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	10.02.13.03-k1	10.02.13.03_k1-1.rhel8u9
654	Red Hat Enterprise Linux 8 Update 9 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.13.03_k1-1.rhel8u9.x86_64.rpm	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	10.02.13.03-k1	10.02.13.03_k1-1.rhel8u9
655	Red Hat Enterprise Linux 8 Update 9 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.13.03_k1-1.rhel8u9.x86_64.rpm	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	10.02.13.03-k1	10.02.13.03_k1-1.rhel8u9
656	Red Hat Enterprise Linux 8 Update 9 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.13.03_k1-1.rhel8u9.x86_64.rpm	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	10.02.13.03-k1	10.02.13.03_k1-1.rhel8u9
657	Red Hat Enterprise Linux 8 Update 9 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.13.03_k1-1.rhel8u9.x86_64.rpm	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	10.02.13.03-k1	10.02.13.03_k1-1.rhel8u9
658	Red Hat Enterprise Linux 8 Update 9 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.13.03_k1-1.rhel8u9.x86_64.rpm	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	10.02.13.03-k1	10.02.13.03_k1-1.rhel8u9
659	Red Hat Enterprise Linux 9 Server Update 4 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.4.329.9-1.rhel9u4.x86_64.rpm	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	14.4.329.9	14.4.329.9-1.rhel9u4
660	Red Hat Enterprise Linux 9 Server Update 4 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.4.329.9-1.rhel9u4.x86_64.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	14.4.329.9	14.4.329.9-1.rhel9u4
661	Red Hat Enterprise Linux 9 Server Update 4 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.4.329.9-1.rhel9u4.x86_64.rpm	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	14.4.329.9	14.4.329.9-1.rhel9u4
662	Red Hat Enterprise Linux 9 Server Update 4 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.4.329.9-1.rhel9u4.x86_64.rpm	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus	14.4.329.9	14.4.329.9-1.rhel9u4

			Adapter		
663	Red Hat Enterprise Linux 9 Server Update 4 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.4.329.9-1.rhel9u4.x86_64.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	14.4.329.9	14.4.329.9-1.rhel9u4
664	Red Hat Enterprise Linux 9 Server Update 4 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.4.329.9-1.rhel9u4.x86_64.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	14.4.329.9	14.4.329.9-1.rhel9u4
665	Red Hat Enterprise Linux 9 update 4 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.13.03_k1-1.rhel9u4.x86_64.rpm	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	10.02.13.03-k1	10.02.13.03_k1-1.rhel9u4
666	Red Hat Enterprise Linux 9 update 4 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.13.03_k1-1.rhel9u4.x86_64.rpm	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	10.02.13.03-k1	10.02.13.03_k1-1.rhel9u4
667	Red Hat Enterprise Linux 9 update 4 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.13.03_k1-1.rhel9u4.x86_64.rpm	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	10.02.13.03-k1	10.02.13.03_k1-1.rhel9u4
668	Red Hat Enterprise Linux 9 update 4 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.13.03_k1-1.rhel9u4.x86_64.rpm	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	10.02.13.03-k1	10.02.13.03_k1-1.rhel9u4
669	Red Hat Enterprise Linux 9 update 4 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.13.03_k1-1.rhel9u4.x86_64.rpm	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	10.02.13.03-k1	10.02.13.03_k1-1.rhel9u4
670	Red Hat Enterprise Linux 9 update 4 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.13.03_k1-1.rhel9u4.x86_64.rpm	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	10.02.13.03-k1	10.02.13.03_k1-1.rhel9u4

6.2.7 Driver - System Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
671	iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2016 and 2019	cp060559.exe	-	4.7.1.0 (E)	4.7.1.0
672	iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2022	cp065110.exe	-	4.7.1.0 (G)	4.7.1.0
673	iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2025	cp061731.exe	-	4.7.2.0	4.7.2.0
674	iLO 5 Channel Interface Driver for Microsoft Windows Server 2016 and 2019	cp060558.exe	-	4.7.1.0 (E)	4.7.1.0
675	iLO 5 Channel Interface Driver for Microsoft Windows Server 2022	cp065109.exe	-	4.7.1.0 (G)	4.7.1.0
676	iLO 5 Channel Interface Driver for Microsoft Windows Server 2025	cp061730.exe	-	4.7.2.0	4.7.2.0

6.2.8 Driver – Video

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
677	Matrox G200eH3 Video Controller Driver for Microsoft Windows 64-bit	cp065112.exe	-	9.15.1.268 (B)	9.15.1.268

6.2.9 Firmware - Lights-Out Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
678	Language Pack - Japanese	cp065401.exe	-	3.10	3.10.08
679	Language Pack - Japanese	firmware-ilo5-lpk-ja-ri11-3.10-1.1.x86_64.rpm	-	3.10	3.10.08
680	Online ROM Flash Component for Linux - iLO 5	firmware-ilo5-3.11-1.1.x86_64.rpm	-	3.11	3.11 Feb 25 2025
681	Online ROM Flash Component for Windows x64 - iLO 5	cp064942.exe	-	3.11	3.11 Feb 25 2025
682	Online ROM Flash Firmware Package - iLO 5	ilo5_311.fwpkg	-	3.11	3.11 Feb 25 2025

6.2.10 Firmware – Network

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
683	Broadcom Firmware Package for BCM5741x adapters	bcm232.1.132.8.pup.fwpkg	BCM 57414 10/25GbE 2p SFP28 Adptr	232.1.132.8	232.1.132.8
684	Broadcom Firmware Package for BCM5741x adapters	bcm232.1.132.8.pup.fwpkg	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	232.1.132.8	232.1.132.8
685	Broadcom Firmware Package for BCM5741x adapters	bcm232.1.132.8.pup.fwpkg	BCM 57416 10GbE 2p BASE-T Adptr	232.1.132.8	232.1.132.8
686	Broadcom Firmware Package for BCM5741x adapters	bcm232.1.132.8.pup.fwpkg	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	232.1.132.8	232.1.132.8
687	Broadcom Firmware Package for BCM5741x adapters	bcm232.1.132.8.pup.fwpkg	BCM 57412 10GbE 2p SFP+ Adptr	232.1.132.8	232.1.132.8
688	Broadcom Firmware Package for BCM5741x adapters	bcm232.1.132.8.pup.fwpkg	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	232.1.132.8	232.1.132.8
689	Broadcom Firmware Package for BCM5750x adapters	bcm232.1.132.8_Thor.pup.fwpkg	BCM 57504 10/25GbE 4p SFP28 Adptr	232.1.132.8	232.1.132.8
690	Broadcom Firmware Package for BCM5750x adapters	bcm232.1.132.8_Thor.pup.fwpkg	BCM 57504 10/25GbE 4p SFP28 OCP3 Adptr	232.1.132.8	232.1.132.8
691	Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-bcm-open-2.40.0-1.1.x86_64.rpm	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE	2.40.0	20.32.41
692	Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-bcm-open-2.40.0-1.1.x86_64.rpm	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE	2.40.0	20.32.41
693	Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-bcm-open-2.40.0-1.1.x86_64.rpm	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	2.40.0	20.32.41
694	Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP064518.zip	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE	1.41.0	20.32.41
695	Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP064518.zip	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE	1.41.0	20.32.41
696	Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP064518.zip	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T	1.41.0	20.32.41

			LOM Adapter for HPE		
697	Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp064520.exe	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE	5.4.4.0	20.32.41
698	Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp064520.exe	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE	5.4.4.0	20.32.41
699	Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp064520.exe	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	5.4.4.0	20.32.41
700	HPE Broadcom NX1 Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen10 server series Only.	firmware-nic-bcm-2.40.0-1.1.x86_64.rpm	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	2.40.0	20.32.41
701	HPE Broadcom NX1 Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen10 server series Only.	firmware-nic-bcm-2.40.0-1.1.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	2.40.0	20.32.41
702	HPE Broadcom NX1 Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen10 server series Only.	firmware-nic-bcm-2.40.0-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	2.40.0	20.32.41
703	HPE Broadcom NX1 Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen10 server series Only.	firmware-nic-bcm-2.40.0-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	2.40.0	20.32.41
704	HPE Broadcom NX1 Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen10 server series Only.	firmware-nic-bcm-2.40.0-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	2.40.0	20.32.41
705	HPE Broadcom NX1 Online Firmware Upgrade Utility VMware for HPE ProLiant Gen10 server series Only.	CP064444.zip	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	1.41.0	20.32.41
706	HPE Broadcom NX1 Online Firmware Upgrade Utility VMware for HPE ProLiant Gen10 server series Only.	CP064444.zip	HP Ethernet 1Gb 2-port 332T Adapter	1.41.0	20.32.41
707	HPE Broadcom NX1 Online Firmware Upgrade Utility VMware for HPE ProLiant Gen10 server series Only.	CP064444.zip	HP Ethernet 1Gb 4-port 331FLR Adapter	1.41.0	20.32.41
708	HPE Broadcom NX1 Online Firmware Upgrade Utility VMware for HPE ProLiant Gen10 server series Only.	CP064444.zip	HP Ethernet 1Gb 4-port 331T Adapter	1.41.0	20.32.41
709	HPE Broadcom NX1 Online Firmware Upgrade Utility VMware for HPE ProLiant Gen10 server series Only.	CP064444.zip	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	1.41.0	20.32.41
710	HPE Broadcom NX1 Online Firmware Upgrade Utility Windows Server x64 Editions for HPE ProLiant Gen10 server series Only	cp064445.exe	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	5.4.4.0	20.32.41
711	HPE Broadcom NX1 Online Firmware Upgrade Utility Windows Server x64 Editions for HPE ProLiant Gen10 server series Only	cp064445.exe	HP Ethernet 1Gb 2-port 332T Adapter	5.4.4.0	20.32.41
712	HPE Broadcom NX1 Online Firmware Upgrade Utility Windows Server x64 Editions for HPE ProLiant Gen10 server series Only	cp064445.exe	HP Ethernet 1Gb 4-port 331FLR Adapter	5.4.4.0	20.32.41
713	HPE Broadcom NX1 Online Firmware Upgrade Utility Windows Server x64 Editions for HPE ProLiant Gen10 server series Only	cp064445.exe	HP Ethernet 1Gb 4-port 331T Adapter	5.4.4.0	20.32.41
714	HPE Broadcom NX1 Online Firmware Upgrade Utility Windows Server x64 Editions for HPE ProLiant Gen10 server series Only	cp064445.exe	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	5.4.4.0	20.32.41

715	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm232.1.132008.Optimized.pup.fwpkg	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	232.1.132008	232.1.132008
716	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm232.1.132008.Optimized.pup.fwpkg	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	232.1.132008	232.1.132008
717	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm232.1.132008.Optimized.pup.fwpkg	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	232.1.132008	232.1.132008
718	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm232.1.132008.Optimized.pup.fwpkg	HPE Ethernet 10Gb 2-port 535T Adapter	232.1.132008	232.1.132008
719	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm232.1.132008.Optimized.pup.fwpkg	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	232.1.132008	232.1.132008
720	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm232.1.132008.Optimized.pup.fwpkg	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	232.1.132008	232.1.132008
721	HPE Intel Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen9 and Gen10 server series Only.	firmware-nic-intel-1.32.0-1.1.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	1.32.0	1.3686.0
722	HPE Intel Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen9 and Gen10 server series Only.	firmware-nic-intel-1.32.0-1.1.x86_64.rpm	HPE Ethernet 1Gb 2-port 361T Adapter	1.32.0	1.3686.0
723	HPE Intel Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen9 and Gen10 server series Only.	firmware-nic-intel-1.32.0-1.1.x86_64.rpm	HPE Ethernet 1Gb 4-port 366FLR Adapter	1.32.0	1.3686.0
724	HPE Intel Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen9 and Gen10 server series Only.	firmware-nic-intel-1.32.0-1.1.x86_64.rpm	HPE Ethernet 1Gb 4-port 366T Adapter	1.32.0	1.3686.0
725	HPE Intel Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen9 and Gen10 server series Only.	firmware-nic-intel-1.32.0-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.32.0	1.3686.0
726	HPE Intel Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen9 and Gen10 server series Only.	firmware-nic-intel-1.32.0-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	1.32.0	1.3686.0
727	HPE Intel Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen9 and Gen10 server series Only.	firmware-nic-intel-1.32.0-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.32.0	1.3686.0
728	HPE Intel Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen9 and Gen10 server series Only.	firmware-nic-intel-1.32.0-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	1.32.0	1.3686.0
729	HPE Intel Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen9 and Gen10 server series Only.	firmware-nic-intel-1.32.0-1.1.x86_64.rpm	HPE Ethernet 1Gb 2-port 361i Adapter	1.32.0	1.3686.0
730	HPE Intel Online Firmware Upgrade Utility VMware for HPE ProLiant Gen9 and Gen10 server series Only.	CP065648.zip	HPE Ethernet 1Gb 4-port 369i Adapter	3.25.0 (B)	1.3686.0
731	HPE Intel Online Firmware Upgrade Utility VMware for HPE ProLiant Gen9 and Gen10 server series Only.	CP065648.zip	HPE Ethernet 1Gb 2-port 361T Adapter	3.25.0 (B)	1.3686.0
732	HPE Intel Online Firmware Upgrade Utility VMware for HPE ProLiant Gen9 and Gen10 server series Only.	CP065648.zip	HPE Ethernet 1Gb 4-port 366FLR Adapter	3.25.0 (B)	1.3686.0
733	HPE Intel Online Firmware Upgrade Utility VMware for HPE ProLiant Gen9 and Gen10 server series Only.	CP065648.zip	HPE Ethernet 1Gb 4-port 366T Adapter	3.25.0 (B)	1.3686.0
734	HPE Intel Online Firmware Upgrade Utility VMware for HPE ProLiant Gen9 and Gen10 server series Only.	CP065648.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	3.25.0 (B)	1.3686.0
735	HPE Intel Online Firmware Upgrade Utility VMware for HPE ProLiant Gen9 and Gen10 server series Only.	CP065648.zip	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	3.25.0 (B)	1.3686.0
736	HPE Intel Online Firmware Upgrade Utility VMware for HPE ProLiant Gen9	CP065648.zip	HPE Ethernet 10Gb 2-port 562SFP+	3.25.0 (B)	1.3686.0

	and Gen10 server series Only.		Adapter		
737	HPE Intel Online Firmware Upgrade Utility VMware for HPE ProLiant Gen9 and Gen10 server series Only.	CP065648.zip	HPE Ethernet 10Gb 2-port 562T Adapter	3.25.0 (B)	1.3686.0
738	HPE Intel Online Firmware Upgrade Utility VMware for HPE ProLiant Gen9 and Gen10 server series Only.	CP065648.zip	HPE Ethernet 1Gb 2-port 361i Adapter	3.25.0 (B)	1.3686.0
739	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions for HPE ProLiant Gen9 and Gen10 server series Only.	cp065127.exe	HPE Ethernet 1Gb 4-port 369i Adapter	5.4.3.0 (B)	1.3686.0
740	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions for HPE ProLiant Gen9 and Gen10 server series Only.	cp065127.exe	HPE Ethernet 1Gb 2-port 361T Adapter	5.4.3.0 (B)	1.3686.0
741	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions for HPE ProLiant Gen9 and Gen10 server series Only.	cp065127.exe	HPE Ethernet 1Gb 4-port 366FLR Adapter	5.4.3.0 (B)	1.3686.0
742	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions for HPE ProLiant Gen9 and Gen10 server series Only.	cp065127.exe	HPE Ethernet 1Gb 4-port 366T Adapter	5.4.3.0 (B)	1.3686.0
743	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions for HPE ProLiant Gen9 and Gen10 server series Only.	cp065127.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	5.4.3.0 (B)	1.3686.0
744	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions for HPE ProLiant Gen9 and Gen10 server series Only.	cp065127.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.4.3.0 (B)	1.3686.0
745	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions for HPE ProLiant Gen9 and Gen10 server series Only.	cp065127.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	5.4.3.0 (B)	1.3686.0
746	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions for HPE ProLiant Gen9 and Gen10 server series Only.	cp065127.exe	HPE Ethernet 10Gb 2-port 562T Adapter	5.4.3.0 (B)	1.3686.0
747	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions for HPE ProLiant Gen9 and Gen10 server series Only.	cp065127.exe	HPE Ethernet 1Gb 2-port 361i Adapter	5.4.3.0 (B)	1.3686.0
748	HPE QLogic FastLinQ Firmware Package for Arrowhead adapters	ql_hp_ah_mbi_8.65.23_pldm.fwpkg	HPE Ethernet 10Gb 2-port 521T Adapter	8.65.23	8.65.23
749	HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-nx2-2.37.0-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	2.37.0	7.19.27
750	HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-nx2-2.37.0-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 530T Adapter	2.37.0	7.19.27
751	HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-nx2-2.37.0-1.1.x86_64.rpm	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	2.37.0	7.19.27
752	HPE QLogic NX2 Online Firmware Upgrade Utility for VMware	CP064334.zip	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	1.37.0	7.19.27
753	HPE QLogic NX2 Online Firmware Upgrade Utility for VMware	CP064334.zip	HPE Ethernet 10Gb 2-port 530T Adapter	1.37.0	7.19.27
754	HPE QLogic NX2 Online Firmware Upgrade Utility for VMware	CP064334.zip	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	1.37.0	7.19.27
755	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server	cp064335.exe	HPE Ethernet 10Gb 2-port 530SFP+	5.3.9.0	7.19.27

	x64 Editions		Adapter		
756	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp064335.exe	HPE Ethernet 10Gb 2-port 530T Adapter	5.3.9.0	7.19.27
757	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp064335.exe	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	5.3.9.0	7.19.27
758	Intel Firmware Package For E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter	HPE_E810_CQDA2_4p60_PLDMoMCTP_8001E8B1.fwpkg	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	4.60 (B)	4.60
759	Intel Firmware Package For E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter	HPE_E810_CQDA2_OCP_4p60_NCSIwPLDMoMCTP_8001E8B5.fwpkg	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	4.60 (B)	4.60
760	Intel Firmware Package For E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter	HPE_E810_XXVDA2_SD_4p60_PLDMoMCTP_8001E8B3.fwpkg	Intel E810-XXVDA2 adapter	4.60 (B)	4.60
761	Intel Firmware Package For E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter	HPE_E810_XXVDA2_SD_OCP_4p60_NCSIwPLDMoMCTP_8001E8B0.fwpkg	Intel E810-XXVDA2 OCP3 adapter	4.60 (B)	4.60
762	Intel Firmware Package For E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter	HPE_E810_XXVDA4_FH_4p60_PLDMoMCTP_8001E8B2.fwpkg	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	4.60 (B)	4.60
763	Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-is-intel-1.32.0-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	1.32.0	1.3682.0
764	Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-is-intel-1.32.0-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	1.32.0	1.3682.0
765	Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-is-intel-1.32.0-1.1.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	1.32.0	1.3682.0
766	Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-is-intel-1.32.0-1.1.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	1.32.0	1.3682.0
767	Intel Online Firmware Upgrade Utility for VMware	CP065653.zip	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	3.25.0 (B)	1.3682.0
768	Intel Online Firmware Upgrade Utility for VMware	CP065653.zip	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	3.25.0 (B)	1.3682.0
769	Intel Online Firmware Upgrade Utility for VMware	CP065653.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	3.25.0 (B)	1.3682.0
770	Intel Online Firmware Upgrade Utility for VMware	CP065653.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	3.25.0 (B)	1.3682.0
771	Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp065128.exe	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	5.4.3.0 (B)	1.3682.0
772	Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp065128.exe	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	5.4.3.0 (B)	1.3682.0
773	Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp065128.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	5.4.3.0 (B)	1.3682.0
774	Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp065128.exe	Intel I350-T4 Ethernet 1Gb 4-port	5.4.3.0 (B)	1.3682.0

			BASE-T OCP3 Adapter for HPE		
775	Mellanox Firmware Package (FWPKG) - Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	26_43_1014-MCX631102AS-ADA_Ax.pldm.fwpkg	MLX MCX631102 10/25GbE 2p SFP28 Adptr	26.43.1014	26.43.1014
776	Mellanox Firmware Package (FWPKG) - Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	26_43_1014-MCX631432AS-ADA_Ax.pldm.fwpkg	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	26.43.1014	26.43.1014
777	Mellanox Firmware Package (FWPKG) for HPE Ethernet 100Gb 1-port QSFP28 PCIe3 x16 MCX515A-CCAT Adapter : HPE part numbers P31246-B21 and P31246-H21	16_35_4030-MCX515A-CCA_HPE_Ax.pldm.fwpkg	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	16.35.4030	16.35.4030
778	Mellanox Firmware Package (FWPKG) for HPE InfiniBand HDR100/Ethernet 100Gb 2-port QSFP56 PCIe4 x16 MCX653106A-ECAT Adapter : HPE part numbers P23666-B21 and P23666-H21	20_43_1014-MCX653106A-ECA_HPE_Ax.pldm.fwpkg	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	20.43.1014	20.43.1014
779	Mellanox Firmware Package (FWPKG) for Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	16_35_4030-MCX562A-ACA_Ax_Bx.pldm.fwpkg	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	16.35.4030	16.35.4030
780	Mellanox Firmware Package (FWPKG) for Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE	22_43_1014-MCX623106AS-CDA_Ax.pldm.fwpkg	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	22.43.1014	22.43.1014
781	Mellanox Firmware Package(FWPKG) for HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACHT Adapter	16_35_4030-MCX512F-ACH_Ax_Bx.pldm.fwpkg	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	16.35.4030	16.35.4030
782	NVIDIA Firmware Package (FWPKG) for HPE InfiniBand NDR200/Ethernet 200Gb 1-port OSFP PCIe5 x16 MCX75310AAS-HEAT Adapter : HPE part numbers P45642-B22 and P45642-H22	28_44_1036-MCX75310AAS-HEAT_HPE2_Ax.pldm.fwpkg	HPE IB NDR200/EN 200G 1p OSFP Adptr	28.44.1036	28.44.1036
783	Online Firmware Upgrade Utility (ESXi 8.0) for HPE Mellanox Ethernet only adapters	CP063098.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.5	16.35.4030
784	Online Firmware Upgrade Utility (ESXi 8.0) for HPE Mellanox Ethernet only adapters	CP063098.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.5	16.35.4030
785	Online Firmware Upgrade Utility (ESXi 8.0) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 8.0	CP063489.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.4	12.28.2302
786	Online Firmware Upgrade Utility (ESXi 8.0) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX6 devices on VMware ESXi 8.0	CP064597.zip	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	1.0.6	20.43.1014
787	Online Firmware Upgrade Utility (ESXi 9.0) for HPE Mellanox Ethernet only adapters	CP064939.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.0	16.35.4030
788	Online Firmware Upgrade Utility (ESXi 9.0) for HPE Mellanox Ethernet only adapters	CP064939.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.0	16.35.4030
789	Online Firmware Upgrade Utility (ESXi 9.0) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi	CP064992.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.0	12.28.2302

	9.0				
790	Online Firmware Upgrade Utility (ESXi 9.0) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX6 devices on VMware ESXi 9.0	CP064972.zip	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	1.0.0	20.43.1014
791	Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox Ethernet only adapters	firmware-nic-mellanox-ethernet-only-1.0.22-1.1.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.22	16.35.4030
792	Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox Ethernet only adapters	firmware-nic-mellanox-ethernet-only-1.0.22-1.1.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.22	16.35.4030
793	Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Linux x86_64 platform	firmware-hca-mellanox-vpi-connectx4-1.0.17-1.1.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.17	12.28.2302
794	Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX6 devices on Linux x86_64 platform	firmware-hca-mellanox-vpi-connectx6-mft-1.0.16-1.1.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	1.0.16	20.43.1014
795	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox Ethernet only adapters	cp065134.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.0.22 (A)	16.35.4030
796	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox Ethernet only adapters	cp065134.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.0.22 (A)	16.35.4030
797	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Windows x86_64 platform	cp065142.exe	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.0.16 (A)	12.28.2302
798	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX6 devices on Windows x86_64 platform	cp064595.exe	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	1.0.0.12	20.43.1014

6.2.11 Firmware - PCIe NVMe Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
799	Universal Firmware Package for Drives - VR000480KXNXE,VR000960KXNZU and VS001920KXNXF	Micron_7450_M7450ALLHPK4.fwpkg	VR000480KXNXE	HPK4	HPK4
800	Universal Firmware Package for Drives - VR000480KXNXE,VR000960KXNZU and VS001920KXNXF	Micron_7450_M7450ALLHPK4.fwpkg	VR000960KXNZU	HPK4	HPK4
801	Universal Firmware Package for Drives - VR000480KXNXE,VR000960KXNZU and VS001920KXNXF	Micron_7450_M7450ALLHPK4.fwpkg	VS001920KXNXF	HPK4	HPK4
802	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK7-7.1.x86_64.rpm	KCD6XLUL7T68	GPK7 (G)	GPK7
803	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK7-7.1.x86_64.rpm	KCD6XVUL6T40	GPK7 (G)	GPK7

804	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK7-7.1.x86_64.rpm	KCD6XVUL1T60	GPK7 (G)	GPK7
805	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK7-7.1.x86_64.rpm	KCD6XVUL800G	GPK7 (G)	GPK7
806	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK7-7.1.x86_64.rpm	KCD6XVUL3T20	GPK7 (G)	GPK7
807	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK7-7.1.x86_64.rpm	KCD6XLUL960G	GPK7 (G)	GPK7
808	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK7-7.1.x86_64.rpm	KCD6XLUL1T92	GPK7 (G)	GPK7
809	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK7-7.1.x86_64.rpm	KCD6XLUL3T84	GPK7 (G)	GPK7
810	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK7-7.1.x86_64.rpm	KCD6XVUL12T8	GPK7 (G)	GPK7
811	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK7-7.1.x86_64.rpm	KCD6XLUL15T3	GPK7 (G)	GPK7
812	Online NVMe SSD Flash Component for Linux (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	firmware-hdd-1a541ed00d-GPK5-7.1.x86_64.rpm	KCM6FRUL1T92	GPK5 (G)	GPK5
813	Online NVMe SSD Flash Component for Linux (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	firmware-hdd-1a541ed00d-GPK5-7.1.x86_64.rpm	KCM6FRUL3T84	GPK5 (G)	GPK5
814	Online NVMe SSD Flash Component for Linux (x64) - KCM6FRUL1T92,	firmware-hdd-1a541ed00d-GPK5-	KCM6FVUL3T20	GPK5 (G)	GPK5

	KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	7.1.x86_64.rpm			
815	Online NVMe SSD Flash Component for Linux (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	firmware-hdd-1a541ed00d-GPK5-7.1.x86_64.rpm	KCM6FVUL1T60	GPK5 (G)	GPK5
816	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK7-7.1.x86_64.rpm	KCM6XRUL960G	GPK7 (G)	GPK7
817	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK7-7.1.x86_64.rpm	KCM6XRUL7T68	GPK7 (G)	GPK7
818	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK7-7.1.x86_64.rpm	KCM6XRUL1T92	GPK7 (G)	GPK7
819	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK7-7.1.x86_64.rpm	KCM6XVUL3T20	GPK7 (G)	GPK7
820	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK7-7.1.x86_64.rpm	KCM6XRUL3T84	GPK7 (G)	GPK7
821	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK7-7.1.x86_64.rpm	KCM6XVUL800G	GPK7 (G)	GPK7
822	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK7-7.1.x86_64.rpm	KCM6XVUL6T40	GPK7 (G)	GPK7
823	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK7-7.1.x86_64.rpm	KCM6XVUL1T60	GPK7 (G)	GPK7
824	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK3-15.1.x86_64.rpm	VK007680KWWFQ	HPK3 (O)	HPK3
825	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH,	firmware-hdd-54addf5312-HPK3-15.1.x86_64.rpm	MK006400KWWFK	HPK3 (O)	HPK3

	MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives				
826	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK3-15.1.x86_64.rpm	VK003840KWWFP	HPK3 (O)	HPK3
827	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK3-15.1.x86_64.rpm	MK003200KWWFH	HPK3 (O)	HPK3
828	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK3-15.1.x86_64.rpm	VK001920KWWFN	HPK3 (O)	HPK3
829	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK3-15.1.x86_64.rpm	MK001600KWWFF	HPK3 (O)	HPK3
830	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK3-15.1.x86_64.rpm	VK000960KWWFL	HPK3 (O)	HPK3
831	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK3-15.1.x86_64.rpm	MK00800KWWFE	HPK3 (O)	HPK3
832	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	firmware-hdd-e320db791d-MPK78H5Q-4.1.x86_64.rpm	MZXL515THALA-000H3	MPK78H5Q (D)	MPK78H5Q
833	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3,	firmware-hdd-e320db791d-MPK78H5Q-	MZXL512THALA-000H3	MPK78H5Q (D)	MPK78H5Q

	MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	4.1.x86_64.rpm			
834	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	firmware-hdd-e320db791d-MPK78H5Q-4.1.x86_64.rpm	MZXL57T6HALA-000H3	MPK78H5Q (D)	MPK78H5Q
835	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	firmware-hdd-e320db791d-MPK78H5Q-4.1.x86_64.rpm	MZXL56T4HALA-000H3	MPK78H5Q (D)	MPK78H5Q
836	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	firmware-hdd-e320db791d-MPK78H5Q-4.1.x86_64.rpm	MZXL53T8HBLS-000H3	MPK78H5Q (D)	MPK78H5Q
837	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	firmware-hdd-e320db791d-MPK78H5Q-4.1.x86_64.rpm	MZXL53T2HBLS-000H3	MPK78H5Q (D)	MPK78H5Q
838	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	firmware-hdd-e320db791d-MPK78H5Q-4.1.x86_64.rpm	MZXL51T9HBJR-000H3	MPK78H5Q (D)	MPK78H5Q
839	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3,	firmware-hdd-e320db791d-MPK78H5Q-	MZXL51T6HBJR-000H3	MPK78H5Q (D)	MPK78H5Q

	MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	4.1.x86_64.rpm			
840	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	firmware-hdd-e320db791d-MPK78H5Q-4.1.x86_64.rpm	MZXL5960HBHQ-000H3	MPK78H5Q (D)	MPK78H5Q
841	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	firmware-hdd-e320db791d-MPK78H5Q-4.1.x86_64.rpm	MZXL5800HBHQ-000H3	MPK78H5Q (D)	MPK78H5Q
842	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd-726d5ec795-HPK3-4.1.x86_64.rpm	VO000960KWUEA	HPK3 (D)	HPK3
843	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd-726d5ec795-HPK3-4.1.x86_64.rpm	VO001920KWUEB	HPK3 (D)	HPK3
844	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd-726d5ec795-HPK3-4.1.x86_64.rpm	VO003840KWUEC	HPK3 (D)	HPK3
845	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd-726d5ec795-HPK3-4.1.x86_64.rpm	VO007680KWUED	HPK3 (D)	HPK3
846	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE,	firmware-hdd-726d5ec795-HPK3-4.1.x86_64.rpm	VO015360KWUEE	HPK3 (D)	HPK3

	MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives				
847	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd-726d5ec795-HPK3-4.1.x86_64.rpm	MO000800KWUDR	HPK3 (D)	HPK3
848	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd-726d5ec795-HPK3-4.1.x86_64.rpm	MO001600KWUDT	HPK3 (D)	HPK3
849	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd-726d5ec795-HPK3-4.1.x86_64.rpm	MO003200KWUDU	HPK3 (D)	HPK3
850	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd-726d5ec795-HPK3-4.1.x86_64.rpm	MO006400KWUDV	HPK3 (D)	HPK3
851	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	firmware-hdd-a9843986b0-HPK3-4.1.x86_64.rpm	VO000960KWVBR	HPK3 (D)	HPK3
852	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	firmware-hdd-a9843986b0-HPK3-4.1.x86_64.rpm	VO003840KWVBU	HPK3 (D)	HPK3
853	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	firmware-hdd-a9843986b0-HPK3-4.1.x86_64.rpm	VO001920KWVBT	HPK3 (D)	HPK3
854	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK5-9.1.x86_64.rpm	VO000960KXAVL	HPK5 (I)	HPK5
855	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK5-9.1.x86_64.rpm	MO000800KXAVN	HPK5 (I)	HPK5
856	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK5-9.1.x86_64.rpm	MO001600KXAVT	HPK5 (I)	HPK5

857	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK5-9.1.x86_64.rpm	MO003200KXAVU	HPK5 (I)	HPK5
858	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK5-9.1.x86_64.rpm	MO006400KXAVV	HPK5 (I)	HPK5
859	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK5-9.1.x86_64.rpm	VO003840KXAVQ	HPK5 (I)	HPK5
860	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK5-9.1.x86_64.rpm	VO007680KXAVR	HPK5 (I)	HPK5
861	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK5-9.1.x86_64.rpm	VO001920KXAVP	HPK5 (I)	HPK5
862	Online NVMe SSD Flash Component for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	firmware-hdd-a27c95663d-HPK6-2.1.x86_64.rpm	MO001600KYDMU	HPK6 (B)	HPK6
863	Online NVMe SSD Flash Component for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	firmware-hdd-a27c95663d-HPK6-2.1.x86_64.rpm	MO006400KYDND	HPK6 (B)	HPK6
864	Online NVMe SSD Flash Component for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	firmware-hdd-a27c95663d-HPK6-2.1.x86_64.rpm	VO015360KYDNB	HPK6 (B)	HPK6
865	Online NVMe SSD Flash Component for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	firmware-hdd-a27c95663d-HPK6-2.1.x86_64.rpm	VO007680KYDNA	HPK6 (B)	HPK6
866	Online NVMe SSD Flash Component for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	firmware-hdd-a27c95663d-HPK6-2.1.x86_64.rpm	MO003200KYDNC	HPK6 (B)	HPK6
867	Online NVMe SSD Flash Component	firmware-hdd-	VO001920KYDMT	HPK6 (B)	HPK6

	for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	a27c95663d-HPK6-2.1.x86_64.rpm			
868	Online NVMe SSD Flash Component for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	firmware-hdd-a27c95663d-HPK6-2.1.x86_64.rpm	VO003840KYDMV	HPK6 (B)	HPK6
869	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd-92d876cfea-4ICRHPK3-13.1.x86_64.rpm	VO002000KWVVC	4ICRHPK3 (M)	4ICRHPK3
870	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd-92d876cfea-4ICRHPK3-13.1.x86_64.rpm	VO004000KWVUR	4ICRHPK3 (M)	4ICRHPK3
871	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd-92d876cfea-4ICRHPK3-13.1.x86_64.rpm	MO001600KWVUU	4ICRHPK3 (M)	4ICRHPK3
872	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd-92d876cfea-4ICRHPK3-13.1.x86_64.rpm	MO003200KWVUV	4ICRHPK3 (M)	4ICRHPK3
873	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd-92d876cfea-4ICRHPK3-13.1.x86_64.rpm	MO006400KWVVA	4ICRHPK3 (M)	4ICRHPK3
874	Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN Drives	firmware-hdd-805abb7e9c-85032G00-10.1.x86_64.rpm	VS003840KWXFQ	85032G00 (J)	85032G00
875	Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN Drives	firmware-hdd-805abb7e9c-85032G00-10.1.x86_64.rpm	VS001920KWXFP	85032G00 (J)	85032G00
876	Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN Drives	firmware-hdd-805abb7e9c-85032G00-10.1.x86_64.rpm	VS000960KWXFN	85032G00 (J)	85032G00
877	Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN Drives	firmware-hdd-805abb7e9c-85032G00-10.1.x86_64.rpm	VS000480KXALB	85032G00 (J)	85032G00
878	Online NVMe SSD Flash Component for Linux (x64) -MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3,	firmware-hdd-951aefd63e-MPK7825Q-4.1.x86_64.rpm	MZXLR12THALA-000H3	MPK7825Q (D)	MPK7825Q

	MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv				
879	Online NVMe SSD Flash Component for Linux (x64) -MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd-951aefd63e-MPK7825Q-4.1.x86_64.rpm	MZXLR15THALA-000H3	MPK7825Q (D)	MPK7825Q
880	Online NVMe SSD Flash Component for Linux (x64) -MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd-951aefd63e-MPK7825Q-4.1.x86_64.rpm	MZXLR7T6HALA-000H3	MPK7825Q (D)	MPK7825Q
881	Online NVMe SSD Flash Component for Linux (x64) -MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd-951aefd63e-MPK7825Q-4.1.x86_64.rpm	MZXLR1T6HBJR-000H3	MPK7825Q (D)	MPK7825Q
882	Online NVMe SSD Flash Component for Linux (x64) -MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd-951aefd63e-MPK7825Q-4.1.x86_64.rpm	MZXLR800HBHQ-000H3	MPK7825Q (D)	MPK7825Q
883	Online NVMe SSD Flash Component for Linux (x64) -MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd-951aefd63e-MPK7825Q-4.1.x86_64.rpm	MZXLR3T2HBLS-000H3	MPK7825Q (D)	MPK7825Q
884	Online NVMe SSD Flash Component for Linux (x64) -MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3,	firmware-hdd-951aefd63e-MPK7825Q-4.1.x86_64.rpm	MZXLR6T4HALA-000H3	MPK7825Q (D)	MPK7825Q

	MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv				
885	Online NVMe SSD Flash Component for Linux (x64) -MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd-951aefd63e-MPK7825Q-4.1.x86_64.rpm	MZXLR1T9HBJR-000H3	MPK7825Q (D)	MPK7825Q
886	Online NVMe SSD Flash Component for Linux (x64) -MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd-951aefd63e-MPK7825Q-4.1.x86_64.rpm	MZXLR3T8HBLS-000H3	MPK7825Q (D)	MPK7825Q
887	Online NVMe SSD Flash Component for Linux (x64) -MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd-951aefd63e-MPK7825Q-4.1.x86_64.rpm	MZXLR960HBHQ-000H3	MPK7825Q (D)	MPK7825Q
888	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP065951.zip	KCD6XLUL7T68	GPK7 (C)	GPK7
889	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP065951.zip	KCD6XVUL6T40	GPK7 (C)	GPK7
890	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP065951.zip	KCD6XVUL1T60	GPK7 (C)	GPK7
891	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP065951.zip	KCD6XVUL800G	GPK7 (C)	GPK7
892	Online NVMe SSD Flash Component	CP065951.zip	KCD6XVUL3T20	GPK7 (C)	GPK7

	for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives				
893	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP065951.zip	KCD6XVUL12T8	GPK7 (C)	GPK7
894	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP065951.zip	KCD6XLUL960G	GPK7 (C)	GPK7
895	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP065951.zip	KCD6XLUL1T92	GPK7 (C)	GPK7
896	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP065951.zip	KCD6XLUL3T84	GPK7 (C)	GPK7
897	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP065951.zip	KCD6XLUL15T3	GPK7 (C)	GPK7
898	Online NVMe SSD Flash Component for VMware ESXi - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	CP065965.zip	KCM6FRUL1T92	GPK5 (C)	GPK5
899	Online NVMe SSD Flash Component for VMware ESXi - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	CP065965.zip	KCM6FRUL3T84	GPK5 (C)	GPK5
900	Online NVMe SSD Flash Component for VMware ESXi - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	CP065965.zip	KCM6FVUL3T20	GPK5 (C)	GPK5
901	Online NVMe SSD Flash Component for VMware ESXi - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	CP065965.zip	KCM6FVUL1T60	GPK5 (C)	GPK5
902	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP065953.zip	KCM6XRUL960G	GPK7 (C)	GPK7
903	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20,	CP065953.zip	KCM6XRUL7T68	GPK7 (C)	GPK7

	KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives				
904	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP065953.zip	KCM6XRUL1T92	GPK7 (C)	GPK7
905	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP065953.zip	KCM6XVUL3T20	GPK7 (C)	GPK7
906	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP065953.zip	KCM6XRUL3T84	GPK7 (C)	GPK7
907	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP065953.zip	KCM6XVUL800G	GPK7 (C)	GPK7
908	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP065953.zip	KCM6XVUL6T40	GPK7 (C)	GPK7
909	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP065953.zip	KCM6XVUL1T60	GPK7 (C)	GPK7
910	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP065974.zip	VK007680KWWFQ	HPK3 (H)	HPK3
911	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP065974.zip	MK006400KWWFK	HPK3 (H)	HPK3
912	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP065974.zip	VK003840KWWFP	HPK3 (H)	HPK3
913	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF,	CP065974.zip	MK003200KWWFH	HPK3 (H)	HPK3

	MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives				
914	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP065974.zip	VK001920KWWFN	HPK3 (H)	HPK3
915	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP065974.zip	MK001600KWWFF	HPK3 (H)	HPK3
916	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP065974.zip	VK000960KWWFL	HPK3 (H)	HPK3
917	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP065974.zip	MK00800KWWFE	HPK3 (H)	HPK3
918	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	CP065984.zip	MZXL515THALA-000H3	MPK78H5Q (B)	MPK78H5Q
919	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	CP065984.zip	MZXL512THALA-000H3	MPK78H5Q (B)	MPK78H5Q
920	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3,	CP065984.zip	MZXL57T6HALA-000H3	MPK78H5Q (B)	MPK78H5Q

	MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv				
921	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	CP065984.zip	MZXL56T4HALA-000H3	MPK78H5Q (B)	MPK78H5Q
922	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	CP065984.zip	MZXL53T8HBLS-000H3	MPK78H5Q (B)	MPK78H5Q
923	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	CP065984.zip	MZXL53T2HBLS-000H3	MPK78H5Q (B)	MPK78H5Q
924	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	CP065984.zip	MZXL51T6HBJR-000H3	MPK78H5Q (B)	MPK78H5Q
925	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	CP065984.zip	MZXL5800HBHQ-000H3	MPK78H5Q (B)	MPK78H5Q
926	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3,	CP065984.zip	MZXL51T9HBJR-000H3	MPK78H5Q (B)	MPK78H5Q

	MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv				
927	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	CP065984.zip	MZXL5960HBHQ-000H3	MPK78H5Q (B)	MPK78H5Q
928	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP065945.zip	MZXLR12THALA-000H3	MPK7825Q (B)	MPK7825Q
929	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP065945.zip	MZXLR15THALA-000H3	MPK7825Q (B)	MPK7825Q
930	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP065945.zip	MZXLR7T6HALA-000H3	MPK7825Q (B)	MPK7825Q
931	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP065945.zip	MZXLR1T6HBJR-000H3	MPK7825Q (B)	MPK7825Q
932	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3,	CP065945.zip	MZXLR800HBHQ-000H3	MPK7825Q (B)	MPK7825Q

	MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv				
933	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP065945.zip	MZXLR3T2HBLS-000H3	MPK7825Q (B)	MPK7825Q
934	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP065945.zip	MZXLR6T4HALA-000H3	MPK7825Q (B)	MPK7825Q
935	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP065945.zip	MZXLR1T9HBJR-000H3	MPK7825Q (B)	MPK7825Q
936	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP065945.zip	MZXLR3T8HBLS-000H3	MPK7825Q (B)	MPK7825Q
937	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP065945.zip	MZXLR960HBHQ-000H3	MPK7825Q (B)	MPK7825Q
938	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and	CP065994.zip	VO000960KWUEA	HPK3 (B)	HPK3

	MO006400KWUDV Drives				
939	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP065994.zip	VO001920KWUEB	HPK3 (B)	HPK3
940	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP065994.zip	VO003840KWUEC	HPK3 (B)	HPK3
941	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP065994.zip	VO007680KWUED	HPK3 (B)	HPK3
942	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP065994.zip	VO015360KWUEE	HPK3 (B)	HPK3
943	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP065994.zip	MO000800KWUDR	HPK3 (B)	HPK3
944	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP065994.zip	MO001600KWUDT	HPK3 (B)	HPK3
945	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP065994.zip	MO003200KWUDU	HPK3 (B)	HPK3
946	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP065994.zip	MO006400KWUDV	HPK3 (B)	HPK3
947	Online NVMe SSD Flash Component	CP065969.zip	VO000960KWVBR	HPK3 (B)	HPK3

	for VMware ESXi - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives				
948	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	CP065969.zip	VO001920KWVBT	HPK3 (B)	HPK3
949	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	CP065969.zip	VO003840KWVBU	HPK3 (B)	HPK3
950	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP065979.zip	VO000960KXAVL	HPK5 (E)	HPK5
951	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP065979.zip	MO000800KXAVN	HPK5 (E)	HPK5
952	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP065979.zip	MO001600KXAVT	HPK5 (E)	HPK5
953	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP065979.zip	MO003200KXAVU	HPK5 (E)	HPK5
954	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP065979.zip	MO006400KXAVV	HPK5 (E)	HPK5
955	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP065979.zip	VO003840KXAVQ	HPK5 (E)	HPK5
956	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP065979.zip	VO007680KXAVR	HPK5 (E)	HPK5
957	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP065979.zip	VO001920KXAVP	HPK5 (E)	HPK5
958	Online NVMe SSD Flash Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	CP065946.zip	VO001920KYDMT	HPK6 (B)	HPK6

959	Online NVMe SSD Flash Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	CP065946.zip	VO003840KYDMV	HPK6 (B)	HPK6
960	Online NVMe SSD Flash Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	CP065946.zip	MO001600KYDMU	HPK6 (B)	HPK6
961	Online NVMe SSD Flash Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	CP065946.zip	MO006400KYDND	HPK6 (B)	HPK6
962	Online NVMe SSD Flash Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	CP065946.zip	VO015360KYDNB	HPK6 (B)	HPK6
963	Online NVMe SSD Flash Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	CP065946.zip	VO007680KYDNA	HPK6 (B)	HPK6
964	Online NVMe SSD Flash Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	CP065946.zip	MO003200KYDNC	HPK6 (B)	HPK6
965	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP065925.zip	MO006400KWVVA	4ICRHPK3 (H)	4ICRHPK3
966	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP065925.zip	VO004000KWVUR	4ICRHPK3 (H)	4ICRHPK3
967	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP065925.zip	MO003200KWVUV	4ICRHPK3 (H)	4ICRHPK3
968	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP065925.zip	VO002000KWVVC	4ICRHPK3 (H)	4ICRHPK3

969	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP065925.zip	MO001600KWVUU	4ICRHPK3 (H)	4ICRHPK3
970	Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWXFP and VS003840KWXFQ Drives	CP065981.zip	VS003840KWXFQ	85032G00 (E)	85032G00
971	Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWXFP and VS003840KWXFQ Drives	CP065981.zip	VS001920KWXFP	85032G00 (E)	85032G00
972	Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWXFP and VS003840KWXFQ Drives	CP065981.zip	VS000960KWXFN	85032G00 (E)	85032G00
973	Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWXFP and VS003840KWXFQ Drives	CP065981.zip	VS000480KXALB	85032G00 (E)	85032G00
974	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp064858.exe	KCD6XLUL7T68	GPK7 (C)	GPK7
975	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp064858.exe	KCD6XVUL6T40	GPK7 (C)	GPK7
976	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp064858.exe	KCD6XVUL1T60	GPK7 (C)	GPK7
977	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp064858.exe	KCD6XVUL800G	GPK7 (C)	GPK7
978	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp064858.exe	KCD6XVUL3T20	GPK7 (C)	GPK7
979	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp064858.exe	KCD6XVUL12T8	GPK7 (C)	GPK7
980	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G,	cp064858.exe	KCD6XLUL960G	GPK7 (C)	GPK7

	KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives				
981	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp064858.exe	KCD6XLUL1T92	GPK7 (C)	GPK7
982	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp064858.exe	KCD6XLUL3T84	GPK7 (C)	GPK7
983	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp064858.exe	KCD6XLUL15T3	GPK7 (C)	GPK7
984	Online NVMe SSD Flash Component for Windows (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	cp064861.exe	KCM6FRUL1T92	GPK5 (C)	GPK5
985	Online NVMe SSD Flash Component for Windows (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	cp064861.exe	KCM6FRUL3T84	GPK5 (C)	GPK5
986	Online NVMe SSD Flash Component for Windows (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	cp064861.exe	KCM6FVUL3T20	GPK5 (C)	GPK5
987	Online NVMe SSD Flash Component for Windows (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	cp064861.exe	KCM6FVUL1T60	GPK5 (C)	GPK5
988	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp064859.exe	KCM6XRUL960G	GPK7 (C)	GPK7
989	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp064859.exe	KCM6XRUL7T68	GPK7 (C)	GPK7
990	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp064859.exe	KCM6XRUL1T92	GPK7 (C)	GPK7
991	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp064859.exe	KCM6XVUL3T20	GPK7 (C)	GPK7

992	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp064859.exe	KCM6XRUL3T84	GPK7 (C)	GPK7
993	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp064859.exe	KCM6XVUL800G	GPK7 (C)	GPK7
994	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp064859.exe	KCM6XVUL6T40	GPK7 (C)	GPK7
995	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp064859.exe	KCM6XVUL1T60	GPK7 (C)	GPK7
996	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp064802.exe	VK007680KWWFQ	HPK3 (H)	HPK3
997	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp064802.exe	MK006400KWWFK	HPK3 (H)	HPK3
998	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp064802.exe	VK003840KWWFP	HPK3 (H)	HPK3
999	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp064802.exe	MK003200KWWFH	HPK3 (H)	HPK3
1000	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK,	cp064802.exe	VK001920KWWFN	HPK3 (H)	HPK3

	VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives				
1001	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp064802.exe	MK001600KWWFF	HPK3 (H)	HPK3
1002	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp064802.exe	VK000960KWWFL	HPK3 (H)	HPK3
1003	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp064802.exe	MK00800KWWFE	HPK3 (H)	HPK3
1004	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp064856.exe	MZXL5960HBHQ-000H3	MPK78H5Q (B)	MPK78H5Q
1005	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp064856.exe	MZXL515THALA-000H3	MPK78H5Q (B)	MPK78H5Q
1006	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp064856.exe	MZXL512THALA-000H3	MPK78H5Q (B)	MPK78H5Q
1007	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3,	cp064856.exe	MZXL57T6HALA-000H3	MPK78H5Q (B)	MPK78H5Q

	MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive				
1008	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp064856.exe	MZXL56T4HALA-000H3	MPK78H5Q (B)	MPK78H5Q
1009	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp064856.exe	MZXL53T8HBLS-000H3	MPK78H5Q (B)	MPK78H5Q
1010	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp064856.exe	MZXL53T2HBLS-000H3	MPK78H5Q (B)	MPK78H5Q
1011	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp064856.exe	MZXL51T6HBJR-000H3	MPK78H5Q (B)	MPK78H5Q
1012	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp064856.exe	MZXL5800HBHQ-000H3	MPK78H5Q (B)	MPK78H5Q
1013	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3,	cp064856.exe	MZXL51T9HBJR-000H3	MPK78H5Q (B)	MPK78H5Q

	MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive				
1014	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive	cp064860.exe	MZXLR12THALA-000H3	MPK7825Q (B)	MPK7825Q
1015	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive	cp064860.exe	MZXLR15THALA-000H3	MPK7825Q (B)	MPK7825Q
1016	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive	cp064860.exe	MZXLR7T6HALA-000H3	MPK7825Q (B)	MPK7825Q
1017	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive	cp064860.exe	MZXLR1T6HBJR-000H3	MPK7825Q (B)	MPK7825Q
1018	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive	cp064860.exe	MZXLR800HBHQ-000H3	MPK7825Q (B)	MPK7825Q
1019	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3,	cp064860.exe	MZXLR3T2HBLS-000H3	MPK7825Q (B)	MPK7825Q

	MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive				
1020	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive	cp064860.exe	MZXLR6T4HALA-000H3	MPK7825Q (B)	MPK7825Q
1021	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive	cp064860.exe	MZXLR1T9HBJR-000H3	MPK7825Q (B)	MPK7825Q
1022	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive	cp064860.exe	MZXLR3T8HBLS-000H3	MPK7825Q (B)	MPK7825Q
1023	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive	cp064860.exe	MZXLR960HBHQ-000H3	MPK7825Q (B)	MPK7825Q
1024	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp064863.exe	VO000960KWUEA	HPK3 (B)	HPK3
1025	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE,	cp064863.exe	VO001920KWUEB	HPK3 (B)	HPK3

	MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives				
1026	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp064863.exe	VO003840KWUEC	HPK3 (B)	HPK3
1027	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp064863.exe	VO007680KWUED	HPK3 (B)	HPK3
1028	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp064863.exe	VO015360KWUEE	HPK3 (B)	HPK3
1029	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp064863.exe	MO000800KWUDR	HPK3 (B)	HPK3
1030	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp064863.exe	MO001600KWUDT	HPK3 (B)	HPK3
1031	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp064863.exe	MO003200KWUDU	HPK3 (B)	HPK3
1032	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and	cp064863.exe	MO006400KWUDV	HPK3 (B)	HPK3

	MO006400KWUDV Drives				
1033	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	cp064862.exe	VO000960KWVBR	HPK3 (B)	HPK3
1034	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	cp064862.exe	VO001920KWVBT	HPK3 (B)	HPK3
1035	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	cp064862.exe	VO003840KWVBU	HPK3 (B)	HPK3
1036	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp064876.exe	VO000960KXAVL	HPK5 (F)	HPK5
1037	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp064876.exe	MO000800KXAVN	HPK5 (F)	HPK5
1038	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp064876.exe	MO001600KXAVT	HPK5 (F)	HPK5
1039	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp064876.exe	MO003200KXAVU	HPK5 (F)	HPK5
1040	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp064876.exe	MO006400KXAVV	HPK5 (F)	HPK5
1041	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp064876.exe	VO003840KXAVQ	HPK5 (F)	HPK5
1042	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp064876.exe	VO007680KXAVR	HPK5 (F)	HPK5
1043	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp064876.exe	VO001920KXAVP	HPK5 (F)	HPK5
1044	Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND,	cp064857.exe	MO001600KYDMU	HPK6 (B)	HPK6

	VO007680KYDNA and VO015360KYDNB Drives				
1045	Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	cp064857.exe	MO006400KYDND	HPK6 (B)	HPK6
1046	Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	cp064857.exe	VO015360KYDNB	HPK6 (B)	HPK6
1047	Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	cp064857.exe	VO007680KYDNA	HPK6 (B)	HPK6
1048	Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	cp064857.exe	MO003200KYDNC	HPK6 (B)	HPK6
1049	Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	cp064857.exe	VO001920KYDMT	HPK6 (B)	HPK6
1050	Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	cp064857.exe	VO003840KYDMV	HPK6 (B)	HPK6
1051	Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	cp064795.exe	MO006400KWVVA	4ICRHPK3 (H)	4ICRHPK3
1052	Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	cp064795.exe	VO004000KWVUR	4ICRHPK3 (H)	4ICRHPK3
1053	Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	cp064795.exe	MO003200KWVUV	4ICRHPK3 (H)	4ICRHPK3
1054	Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU,	cp064795.exe	VO002000KWVVC	4ICRHPK3 (H)	4ICRHPK3

	MO003200KWVUV and MO006400KWVVA Drives				
1055	Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	cp064795.exe	MO001600KWVUU	4ICRHPK3 (H)	4ICRHPK3
1056	Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN drives	cp064855.exe	VS000480KXALB	85032G00 (F)	85032G00
1057	Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN drives	cp064855.exe	VS003840KWXFQ	85032G00 (F)	85032G00
1058	Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN drives	cp064855.exe	VS001920KWXFP	85032G00 (F)	85032G00
1059	Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN drives	cp064855.exe	VS000960KWXFN	85032G00 (F)	85032G00
1060	Universal Firmware Package for Drives - MO000800KXPRV, MO001600KXPTR, MO003200KXPTT, MO006400KXPTU, VO000960KXPRU, VO001920KXPTN, VO003840KXPTP and VO007680KXPTQ	SKHynix_PE81X0_KPE81X0AHPK2.fwpkg	MO000800KXPRV	HPK2	HPK2
1061	Universal Firmware Package for Drives - MO000800KXPRV, MO001600KXPTR, MO003200KXPTT, MO006400KXPTU, VO000960KXPRU, VO001920KXPTN, VO003840KXPTP and VO007680KXPTQ	SKHynix_PE81X0_KPE81X0AHPK2.fwpkg	MO001600KXPTR	HPK2	HPK2
1062	Universal Firmware Package for Drives - MO000800KXPRV, MO001600KXPTR, MO003200KXPTT, MO006400KXPTU, VO000960KXPRU, VO001920KXPTN, VO003840KXPTP and VO007680KXPTQ	SKHynix_PE81X0_KPE81X0AHPK2.fwpkg	MO003200KXPTT	HPK2	HPK2
1063	Universal Firmware Package for Drives - MO000800KXPRV, MO001600KXPTR, MO003200KXPTT, MO006400KXPTU, VO000960KXPRU, VO001920KXPTN, VO003840KXPTP and VO007680KXPTQ	SKHynix_PE81X0_KPE81X0AHPK2.fwpkg	MO006400KXPTU	HPK2	HPK2
1064	Universal Firmware Package for Drives - MO000800KXPRV, MO001600KXPTR, MO003200KXPTT, MO006400KXPTU, VO000960KXPRU, VO001920KXPTN, VO003840KXPTP and VO007680KXPTQ	SKHynix_PE81X0_KPE81X0AHPK2.fwpkg	VO000960KXPRU	HPK2	HPK2
1065	Universal Firmware Package for Drives - MO000800KXPRV, MO001600KXPTR, MO003200KXPTT, MO006400KXPTU, VO000960KXPRU, VO001920KXPTN, VO003840KXPTP and VO007680KXPTQ	SKHynix_PE81X0_KPE81X0AHPK2.fwpkg	VO001920KXPTN	HPK2	HPK2
1066	Universal Firmware Package for Drives - MO000800KXPRV, MO001600KXPTR, MO003200KXPTT, MO006400KXPTU, VO000960KXPRU, VO001920KXPTN, VO003840KXPTP and VO007680KXPTQ	SKHynix_PE81X0_KPE81X0AHPK2.fwpkg	VO003840KXPTP	HPK2	HPK2

1067	Universal Firmware Package for Drives - MO000800KXPRV, MO001600KXPTR, MO003200KXPTT, MO006400KXPTU, VO000960KXPRU, VO001920KXPTN, VO003840KXPTP and VO007680KXPTQ	SKHynix_PE81X0_KPE81X0AHPK2.fwpkg	VO007680KXPTQ	HPK2	HPK2
1068	Universal Firmware Package for Drives - MO000800KXUJT, MO001600KXUJU, MO003200KXUJV, MO006400KXUKA, VO000960KXUJN, VO001920KXUJP, VO003840KXUJQ, VO007680KXUJR and VO015360KYGZQ	Kioxia_CD8_KACD8ALSHPK2.fwpkg	MO000800KXUJT	HPK2	HPK2
1069	Universal Firmware Package for Drives - MO000800KXUJT, MO001600KXUJU, MO003200KXUJV, MO006400KXUKA, VO000960KXUJN, VO001920KXUJP, VO003840KXUJQ, VO007680KXUJR and VO015360KYGZQ	Kioxia_CD8_KACD8ALSHPK2.fwpkg	MO001600KXUJU	HPK2	HPK2
1070	Universal Firmware Package for Drives - MO000800KXUJT, MO001600KXUJU, MO003200KXUJV, MO006400KXUKA, VO000960KXUJN, VO001920KXUJP, VO003840KXUJQ, VO007680KXUJR and VO015360KYGZQ	Kioxia_CD8_KACD8ALSHPK2.fwpkg	MO003200KXUJV	HPK2	HPK2
1071	Universal Firmware Package for Drives - MO000800KXUJT, MO001600KXUJU, MO003200KXUJV, MO006400KXUKA, VO000960KXUJN, VO001920KXUJP, VO003840KXUJQ, VO007680KXUJR and VO015360KYGZQ	Kioxia_CD8_KACD8ALSHPK2.fwpkg	MO006400KXUKA	HPK2	HPK2
1072	Universal Firmware Package for Drives - MO000800KXUJT, MO001600KXUJU, MO003200KXUJV, MO006400KXUKA, VO000960KXUJN, VO001920KXUJP, VO003840KXUJQ, VO007680KXUJR and VO015360KYGZQ	Kioxia_CD8_KACD8ALSHPK2.fwpkg	VO000960KXUJN	HPK2	HPK2
1073	Universal Firmware Package for Drives - MO000800KXUJT, MO001600KXUJU, MO003200KXUJV, MO006400KXUKA, VO000960KXUJN, VO001920KXUJP, VO003840KXUJQ, VO007680KXUJR and VO015360KYGZQ	Kioxia_CD8_KACD8ALSHPK2.fwpkg	VO001920KXUJP	HPK2	HPK2
1074	Universal Firmware Package for Drives - MO000800KXUJT, MO001600KXUJU, MO003200KXUJV, MO006400KXUKA, VO000960KXUJN, VO001920KXUJP, VO003840KXUJQ, VO007680KXUJR and VO015360KYGZQ	Kioxia_CD8_KACD8ALSHPK2.fwpkg	VO003840KXUJQ	HPK2	HPK2
1075	Universal Firmware Package for Drives - MO000800KXUJT, MO001600KXUJU, MO003200KXUJV, MO006400KXUKA, VO000960KXUJN, VO001920KXUJP, VO003840KXUJQ, VO007680KXUJR and VO015360KYGZQ	Kioxia_CD8_KACD8ALSHPK2.fwpkg	VO007680KXUJR	HPK2	HPK2
1076	Universal Firmware Package for Drives - MO000800KXUJT, MO001600KXUJU, MO003200KXUJV, MO006400KXUKA, VO000960KXUJN, VO001920KXUJP, VO003840KXUJQ, VO007680KXUJR and VO015360KYGZQ	Kioxia_CD8_KACD8ALSHPK2.fwpkg	VO015360KYGZQ	HPK2	HPK2
1077	Universal Firmware Package for Drives - MO000800KYDZK, MO001600KYDZR, MO003200KYDZT, MO006400KYDZU, VO000960KYDZH, VO001920KYDZL, VO003840KYDZN, VO001536KYDZQ and	Micron_7500_Micron_7500_M7500ALLHPK1.fwpkg	MO006400KYDZU	HPK1	HPK1

	VO007680KYDZP				
1078	Universal Firmware Package for Drives - MO000800KYDZK, MO001600KYDZR, MO003200KYDZT, MO006400KYDZU, VO000960KYDZH, VO001920KYDZL, VO003840KYDZN, VO001536KYDZQ and VO007680KYDZP	Micron_7500_Micron_7500_M7500ALLHPK1.fwpkg	MO003200KYDZT	HPK1	HPK1
1079	Universal Firmware Package for Drives - MO000800KYDZK, MO001600KYDZR, MO003200KYDZT, MO006400KYDZU, VO000960KYDZH, VO001920KYDZL, VO003840KYDZN, VO001536KYDZQ and VO007680KYDZP	Micron_7500_Micron_7500_M7500ALLHPK1.fwpkg	MO001600KYDZR	HPK1	HPK1
1080	Universal Firmware Package for Drives - MO000800KYDZK, MO001600KYDZR, MO003200KYDZT, MO006400KYDZU, VO000960KYDZH, VO001920KYDZL, VO003840KYDZN, VO001536KYDZQ and VO007680KYDZP	Micron_7500_Micron_7500_M7500ALLHPK1.fwpkg	MO000800KYDZK	HPK1	HPK1
1081	Universal Firmware Package for Drives - MO000800KYDZK, MO001600KYDZR, MO003200KYDZT, MO006400KYDZU, VO000960KYDZH, VO001920KYDZL, VO003840KYDZN, VO001536KYDZQ and VO007680KYDZP	Micron_7500_Micron_7500_M7500ALLHPK1.fwpkg	VO007680KYDZP	HPK1	HPK1
1082	Universal Firmware Package for Drives - MO000800KYDZK, MO001600KYDZR, MO003200KYDZT, MO006400KYDZU, VO000960KYDZH, VO001920KYDZL, VO003840KYDZN, VO001536KYDZQ and VO007680KYDZP	Micron_7500_Micron_7500_M7500ALLHPK1.fwpkg	VO003840KYDZN	HPK1	HPK1
1083	Universal Firmware Package for Drives - MO000800KYDZK, MO001600KYDZR, MO003200KYDZT, MO006400KYDZU, VO000960KYDZH, VO001920KYDZL, VO003840KYDZN, VO001536KYDZQ and VO007680KYDZP	Micron_7500_Micron_7500_M7500ALLHPK1.fwpkg	VO001920KYDZL	HPK1	HPK1
1084	Universal Firmware Package for Drives - MO000800KYDZK, MO001600KYDZR, MO003200KYDZT, MO006400KYDZU, VO000960KYDZH, VO001920KYDZL, VO003840KYDZN, VO001536KYDZQ and VO007680KYDZP	Micron_7500_Micron_7500_M7500ALLHPK1.fwpkg	VO000960KYDZH	HPK1	HPK1
1085	Universal Firmware Package for Drives - MO000800KYDZK, MO001600KYDZR, MO003200KYDZT, MO006400KYDZU, VO000960KYDZH, VO001920KYDZL, VO003840KYDZN, VO001536KYDZQ and VO007680KYDZP	Micron_7500_Micron_7500_M7500ALLHPK1.fwpkg	VO001536KYDZQ	HPK1	HPK1
1086	Universal Firmware Package for Drives - MO001600KXVYH, MO003200KXVZD, MO006400KXVZE, VO001920KXVYF, VO003840KXVZA, VO007680KXVZB and VO015360KXVZC	Kioxia_CM7_KACM7ALSHPK3.fwpkg	MO001600KXVYH	HPK3	HPK3
1087	Universal Firmware Package for Drives - MO001600KXVYH, MO003200KXVZD, MO006400KXVZE,	Kioxia_CM7_KACM7ALSHPK3.fwpkg	MO003200KXVZD	HPK3	HPK3

	VO001920KXVYF, VO003840KXVZA, VO007680KXVZB and VO015360KXVZC				
1088	Universal Firmware Package for Drives - MO001600KXVYH, MO003200KXVZD, MO006400KXVZE, VO001920KXVYF, VO003840KXVZA, VO007680KXVZB and VO015360KXVZC	Kioxia_CM7_KACM7ALS HPK3.fwpkg	MO006400KXVZE	HPK3	HPK3
1089	Universal Firmware Package for Drives - MO001600KXVYH, MO003200KXVZD, MO006400KXVZE, VO001920KXVYF, VO003840KXVZA, VO007680KXVZB and VO015360KXVZC	Kioxia_CM7_KACM7ALS HPK3.fwpkg	VO001920KXVYF	HPK3	HPK3
1090	Universal Firmware Package for Drives - MO001600KXVYH, MO003200KXVZD, MO006400KXVZE, VO001920KXVYF, VO003840KXVZA, VO007680KXVZB and VO015360KXVZC	Kioxia_CM7_KACM7ALS HPK3.fwpkg	VO003840KXVZA	HPK3	HPK3
1091	Universal Firmware Package for Drives - MO001600KXVYH, MO003200KXVZD, MO006400KXVZE, VO001920KXVYF, VO003840KXVZA, VO007680KXVZB and VO015360KXVZC	Kioxia_CM7_KACM7ALS HPK3.fwpkg	VO007680KXVZB	HPK3	HPK3
1092	Universal Firmware Package for Drives - MO001600KXVYH, MO003200KXVZD, MO006400KXVZE, VO001920KXVYF, VO003840KXVZA, VO007680KXVZB and VO015360KXVZC	Kioxia_CM7_KACM7ALS HPK3.fwpkg	VO015360KXVZC	HPK3	HPK3
1093	Universal Firmware Package for Drives - MO001600KZYWU, MO003200KZYXB, MO006400KZYXC, VO001920KZYWT, VO003840KZYWV and VO007680KZYXA	Solidigm_P5x20_4IAAH PK5.fwpkg	MO001600KZYWU	HPK5	HPK5
1094	Universal Firmware Package for Drives - MO001600KZYWU, MO003200KZYXB, MO006400KZYXC, VO001920KZYWT, VO003840KZYWV and VO007680KZYXA	Solidigm_P5x20_4IAAH PK5.fwpkg	MO003200KZYXB	HPK5	HPK5
1095	Universal Firmware Package for Drives - MO001600KZYWU, MO003200KZYXB, MO006400KZYXC, VO001920KZYWT, VO003840KZYWV and VO007680KZYXA	Solidigm_P5x20_4IAAH PK5.fwpkg	MO006400KZYXC	HPK5	HPK5
1096	Universal Firmware Package for Drives - MO001600KZYWU, MO003200KZYXB, MO006400KZYXC, VO001920KZYWT, VO003840KZYWV and VO007680KZYXA	Solidigm_P5x20_4IAAH PK5.fwpkg	VO001920KZYWT	HPK5	HPK5
1097	Universal Firmware Package for Drives - MO001600KZYWU, MO003200KZYXB, MO006400KZYXC, VO001920KZYWT, VO003840KZYWV and VO007680KZYXA	Solidigm_P5x20_4IAAH PK5.fwpkg	VO003840KZYWV	HPK5	HPK5
1098	Universal Firmware Package for Drives - MO001600KZYWU, MO003200KZYXB, MO006400KZYXC, VO001920KZYWT, VO003840KZYWV and VO007680KZYXA	Solidigm_P5x20_4IAAH PK5.fwpkg	VO007680KZYXA	HPK5	HPK5
1099	Universal Firmware Package for Drives - MO001600YXUJB, MO003200YXUJC, MO006400YXUJD, VO001920YXUHU,	Kioxia_CM7_KACM7ALF HPK3.fwpkg	MO001600YXUJB	HPK3	HPK3

	VO003840YXUHV and VO007680YXUJA				
1100	Universal Firmware Package for Drives - MO001600YXUJB, MO003200YXUJC, MO006400YXUJD, VO001920YXUHU, VO003840YXUHV and VO007680YXUJA	Kioxia_CM7_KACM7ALFHPK3.fwpkg	MO003200YXUJC	HPK3	HPK3
1101	Universal Firmware Package for Drives - MO001600YXUJB, MO003200YXUJC, MO006400YXUJD, VO001920YXUHU, VO003840YXUHV and VO007680YXUJA	Kioxia_CM7_KACM7ALFHPK3.fwpkg	MO006400YXUJD	HPK3	HPK3
1102	Universal Firmware Package for Drives - MO001600YXUJB, MO003200YXUJC, MO006400YXUJD, VO001920YXUHU, VO003840YXUHV and VO007680YXUJA	Kioxia_CM7_KACM7ALFHPK3.fwpkg	VO001920YXUHU	HPK3	HPK3
1103	Universal Firmware Package for Drives - MO001600YXUJB, MO003200YXUJC, MO006400YXUJD, VO001920YXUHU, VO003840YXUHV and VO007680YXUJA	Kioxia_CM7_KACM7ALFHPK3.fwpkg	VO003840YXUHV	HPK3	HPK3
1104	Universal Firmware Package for Drives - MO001600YXUJB, MO003200YXUJC, MO006400YXUJD, VO001920YXUHU, VO003840YXUHV and VO007680YXUJA	Kioxia_CM7_KACM7ALFHPK3.fwpkg	VO007680YXUJA	HPK3	HPK3
1105	Universal Firmware Package for Drives - VK000960KYDPT, VK001920KYDPU, VK003840KYDPV and VK007680KYDQA	Samsung_PM9A3_PM9A3U3HPK4.fwpkg	VK000960KYDPT	HPK4	HPK4
1106	Universal Firmware Package for Drives - VK000960KYDPT, VK001920KYDPU, VK003840KYDPV and VK007680KYDQA	Samsung_PM9A3_PM9A3U3HPK4.fwpkg	VK001920KYDPU	HPK4	HPK4
1107	Universal Firmware Package for Drives - VK000960KYDPT, VK001920KYDPU, VK003840KYDPV and VK007680KYDQA	Samsung_PM9A3_PM9A3U3HPK4.fwpkg	VK003840KYDPV	HPK4	HPK4
1108	Universal Firmware Package for Drives - VK000960KYDPT, VK001920KYDPU, VK003840KYDPV and VK007680KYDQA	Samsung_PM9A3_PM9A3U3HPK4.fwpkg	VK007680KYDQA	HPK4	HPK4
1109	Universal Firmware Package for Drives - VO000960KXNXD, VO001920KXNZQ, VO003840KXNZR, VO007680KXNZT, MO000800KXNXH, MO001600KXNZV, MO003200KXPAA and MO006400KXPAB	Micron_7450_Micron_7450_M7450ALLHPS3.fwpkg	VO001920KXNZQ	HPS3	HPS3
1110	Universal Firmware Package for Drives - VO000960KXNXD, VO001920KXNZQ, VO003840KXNZR, VO007680KXNZT, MO000800KXNXH, MO001600KXNZV, MO003200KXPAA and MO006400KXPAB	Micron_7450_Micron_7450_M7450ALLHPS3.fwpkg	VO003840KXNZR	HPS3	HPS3
1111	Universal Firmware Package for Drives - VO000960KXNXD, VO001920KXNZQ, VO003840KXNZR, VO007680KXNZT, MO000800KXNXH, MO001600KXNZV, MO003200KXPAA and MO006400KXPAB	Micron_7450_Micron_7450_M7450ALLHPS3.fwpkg	VO007680KXNZT	HPS3	HPS3
1112	Universal Firmware Package for Drives - VO000960KXNXD, VO001920KXNZQ, VO003840KXNZR, VO007680KXNZT, MO000800KXNXH, MO001600KXNZV, MO003200KXPAA and	Micron_7450_Micron_7450_M7450ALLHPS3.fwpkg	MO000800KXNXH	HPS3	HPS3

	MO006400KXPAB				
1113	Universal Firmware Package for Drives - VO000960KXNXD, VO001920KXNZQ, VO003840KXNZR, VO007680KXNZT, MO000800KXNXH, MO001600KXNZV, MO003200KXPAA and MO006400KXPAB	Micron_7450_Micron_7450_M7450ALLHPS3.fwpkg	MO001600KXNZV	HPS3	HPS3
1114	Universal Firmware Package for Drives - VO000960KXNXD, VO001920KXNZQ, VO003840KXNZR, VO007680KXNZT, MO000800KXNXH, MO001600KXNZV, MO003200KXPAA and MO006400KXPAB	Micron_7450_Micron_7450_M7450ALLHPS3.fwpkg	MO003200KXPAA	HPS3	HPS3
1115	Universal Firmware Package for Drives - VO000960KXNXD, VO001920KXNZQ, VO003840KXNZR, VO007680KXNZT, MO000800KXNXH, MO001600KXNZV, MO003200KXPAA and MO006400KXPAB	Micron_7450_Micron_7450_M7450ALLHPS3.fwpkg	MO006400KXPAB	HPS3	HPS3
1116	Universal Firmware Package for Drives - VO000960KXNXD, VO001920KXNZQ, VO003840KXNZR, VO007680KXNZT, MO000800KXNXH, MO001600KXNZV, MO003200KXPAA and MO006400KXPAB	Micron_7450_Micron_7450_M7450ALLHPS3.fwpkg	VO000960KXNXD	HPS3	HPS3
1117	Universal Firmware Package for Drives - VR000480KXLXF	Samsung_PM9A3_PM9A3M2HPK3.fwpkg	VR000480KXLXF	HPK3	HPK3

6.2.12 Firmware - Power Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
1118	Online Flash for Windows x64 - Innovation Engine Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors	cp062648.exe	Innovation Engine (IE) Fimware	0.2.3.0 (C)	0.2.3.0
1119	Online ROM Flash for Linux - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors	firmware-powerpic-1.1.4-3.1.x86_64.rpm	Gen10 Plus Power Management Controller Firmware	1.1.4 (C)	1.1.4
1120	Online ROM Flash for Windows x64 - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors	cp065599.exe	Gen10 Plus Power Management Controller Firmware	1.1.4 (C)	1.1.4
1121	Online ROM Flash for Windows x64 - Innovation Engine Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	cp065583.exe	Innovation Engine (IE) Fimware	1.0.0.22 (C)	1.0.0.22
1122	ROM Flash Firmware Package - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors	PICFW-1.1.4-1.fwpkg	Gen10 Plus Power Management Controller Firmware	1.1.4	1.1.4

6.2.13 Firmware - SAS Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
1123	Online HDD/SSD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	firmware-hdd-24fe569b72-HPD5-7.1.x86_64.rpm	EG001200JWJNK	HPD5 (G)	HPD5
1124	Online HDD/SSD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	firmware-hdd-24fe569b72-HPD5-7.1.x86_64.rpm	EG000600JWJNH	HPD5 (G)	HPD5
1125	Online HDD/SSD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	firmware-hdd-24fe569b72-HPD5-7.1.x86_64.rpm	EG000300JWSJP	HPD5 (G)	HPD5
1126	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	firmware-hdd-bdfb8e99d9-HPD8-4.1.x86_64.rpm	EG001200JWJNQ	HPD8 (D)	HPD8
1127	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	firmware-hdd-bdfb8e99d9-HPD8-4.1.x86_64.rpm	EG000600JWJNP	HPD8 (D)	HPD8
1128	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	firmware-hdd-bdfb8e99d9-HPD8-4.1.x86_64.rpm	EG001200MXJQU	HPD8 (D)	HPD8
1129	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	firmware-hdd-bdfb8e99d9-HPD8-4.1.x86_64.rpm	EG000600JXLVV	HPD8 (D)	HPD8
1130	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	firmware-hdd-bdfb8e99d9-HPD8-4.1.x86_64.rpm	EG001200JXLWA	HPD8 (D)	HPD8
1131	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNL and EG002400JWJNN Drives	firmware-hdd-852266afdf-HPD5-7.1.x86_64.rpm	EG002400JWJNN	HPD5 (G)	HPD5
1132	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNL and EG002400JWJNN Drives	firmware-hdd-852266afdf-HPD5-7.1.x86_64.rpm	EG001800JWJNL	HPD5 (G)	HPD5
1133	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	firmware-hdd-b1c9eaf74c-HPDA-5.1.x86_64.rpm	EG001800JWJNR	HPDA (E)	HPDA
1134	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	firmware-hdd-b1c9eaf74c-HPDA-5.1.x86_64.rpm	EG002400JWJNT	HPDA (E)	HPDA
1135	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	firmware-hdd-b1c9eaf74c-HPDA-5.1.x86_64.rpm	EG002400MXJQT	HPDA (E)	HPDA
1136	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and	firmware-hdd-b1c9eaf74c-HPDA-5.1.x86_64.rpm	EG001800JXLWB	HPDA (E)	HPDA

	EG002400MXJQT Drives				
1137	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	firmware-hdd-b1c9eaf74c-HPDA-5.1.x86_64.rpm	EG002400JXLWC	HPDA (E)	HPDA
1138	Online HDD/SSD Flash Component for Linux (x64) - EH000600JWCPF and EH000900JWCPH Drives	firmware-hdd-a05f29cef3-HPDD-2.1.x86_64.rpm	EH000600JWCPF	HPDD (B)	HPDD
1139	Online HDD/SSD Flash Component for Linux (x64) - EH000600JWCPF and EH000900JWCPH Drives	firmware-hdd-a05f29cef3-HPDD-2.1.x86_64.rpm	EH000900JWCPH	HPDD (B)	HPDD
1140	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPK and EH000600JWHPH Drives	firmware-hdd-c7df7ceedb-HPD8-5.1.x86_64.rpm	EH000600JWHPH	HPD8 (E)	HPD8
1141	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPK and EH000600JWHPH Drives	firmware-hdd-c7df7ceedb-HPD8-5.1.x86_64.rpm	EH000900JWHPK	HPD8 (E)	HPD8
1142	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	firmware-hdd-8d68452816-HPD8-5.1.x86_64.rpm	EH000300JWHPL	HPD8 (E)	HPD8
1143	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	firmware-hdd-8d68452816-HPD8-5.1.x86_64.rpm	EH000600JWHPN	HPD8 (E)	HPD8
1144	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	firmware-hdd-8d68452816-HPD8-5.1.x86_64.rpm	EH000900JWHPP	HPD8 (E)	HPD8
1145	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD3-3.1.x86_64.rpm	EO001600JWDKR	HPD3 (C)	HPD3
1146	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD3-3.1.x86_64.rpm	MO001600JWDLA	HPD3 (C)	HPD3
1147	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD3-3.1.x86_64.rpm	MO003200JWDLB	HPD3 (C)	HPD3
1148	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD3-3.1.x86_64.rpm	EO000400JWDKP	HPD3 (C)	HPD3
1149	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD3-3.1.x86_64.rpm	MO000400JWDKU	HPD3 (C)	HPD3
1150	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD3-3.1.x86_64.rpm	EO000800JWDKQ	HPD3 (C)	HPD3

1151	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD3-3.1.x86_64.rpm	MO000800JWDKV	HPD3 (C)	HPD3
1152	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd-42aff4675b-HPD4-2.1.x86_64.rpm	EO000800PXDCK	HPD4 (B)	HPD4
1153	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd-42aff4675b-HPD4-2.1.x86_64.rpm	MO000800PXDBP	HPD4 (B)	HPD4
1154	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd-42aff4675b-HPD4-2.1.x86_64.rpm	EO000400PXDBQ	HPD4 (B)	HPD4
1155	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd-42aff4675b-HPD4-2.1.x86_64.rpm	EO001600PXDCH	HPD4 (B)	HPD4
1156	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd-42aff4675b-HPD4-2.1.x86_64.rpm	MO001600PXDCC	HPD4 (B)	HPD4
1157	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd-42aff4675b-HPD4-2.1.x86_64.rpm	MO006400PXDCE	HPD4 (B)	HPD4
1158	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd-42aff4675b-HPD4-2.1.x86_64.rpm	VO007680PXDBU	HPD4 (B)	HPD4
1159	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC,	firmware-hdd-42aff4675b-HPD4-2.1.x86_64.rpm	VO001920PXDBR	HPD4 (B)	HPD4

	MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives				
1160	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd-42aff4675b-HPD4-2.1.x86_64.rpm	MO003200PXDCD	HPD4 (B)	HPD4
1161	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd-42aff4675b-HPD4-2.1.x86_64.rpm	VO015300PXDBV	HPD4 (B)	HPD4
1162	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd-42aff4675b-HPD4-2.1.x86_64.rpm	VO000960PXDBN	HPD4 (B)	HPD4
1163	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd-42aff4675b-HPD4-2.1.x86_64.rpm	VO003840PXDBT	HPD4 (B)	HPD4
1164	Online HDD/SSD Flash Component for Linux (x64) - MB002000JWFVN and MB004000JWFVP Drives	firmware-hdd-d7af557f47-HPD4-9.1.x86_64.rpm	MB002000JWFVN	HPD4 (I)	HPD4
1165	Online HDD/SSD Flash Component for Linux (x64) - MB002000JWFVN and MB004000JWFVP Drives	firmware-hdd-d7af557f47-HPD4-9.1.x86_64.rpm	MB004000JWFVP	HPD4 (I)	HPD4
1166	Online HDD/SSD Flash Component for Linux (x64) - MB002000JYDNE and MB004000JYDPB Drives	firmware-hdd-d4be2aecbb-HPD4-1.1.x86_64.rpm	MB004000JYDPB	HPD4	HPD4
1167	Online HDD/SSD Flash Component for Linux (x64) - MB002000JYDNE and MB004000JYDPB Drives	firmware-hdd-d4be2aecbb-HPD4-1.1.x86_64.rpm	MB002000JYDNE	HPD4	HPD4
1168	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWFVK and MB006000JWFVL Drives	firmware-hdd-f6d00bd17e-HPD4-8.1.x86_64.rpm	MB004000JWFVK	HPD4 (H)	HPD4
1169	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWFVK and MB006000JWFVL Drives	firmware-hdd-f6d00bd17e-HPD4-8.1.x86_64.rpm	MB006000JWFVL	HPD4 (H)	HPD4
1170	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWKGU Drive	firmware-hdd-2c27a7a9a4-HPD2-8.1.x86_64.rpm	MB004000JWKGU	HPD2 (H)	HPD2
1171	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWWQB and MB002000JWWQA Drives	firmware-hdd-adb3ab8147-HPD8-6.1.x86_64.rpm	MB004000JWWQB	HPD8 (F)	HPD8
1172	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWWQB and MB002000JWWQA Drives	firmware-hdd-adb3ab8147-HPD8-6.1.x86_64.rpm	MB002000JWWQA	HPD8 (F)	HPD8
1173	Online HDD/SSD Flash Component for Linux (x64) - MB006000JWKGN Drive	firmware-hdd-a886842a99-HPD2-8.1.x86_64.rpm	MB006000JWKGN	HPD2 (H)	HPD2

1174	Online HDD/SSD Flash Component for Linux (x64) - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives	firmware-hdd-b04df66fe9-HPD3-2.1.x86_64.rpm	MB006000JYDNF	HPD3 (B)	HPD3
1175	Online HDD/SSD Flash Component for Linux (x64) - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives	firmware-hdd-b04df66fe9-HPD3-2.1.x86_64.rpm	MB008000JYDPC	HPD3 (B)	HPD3
1176	Online HDD/SSD Flash Component for Linux (x64) - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives	firmware-hdd-b04df66fe9-HPD3-2.1.x86_64.rpm	MB010000JYDNH	HPD3 (B)	HPD3
1177	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWJRQ and MB006000JWJRP Drives	firmware-hdd-faf39e0ff7-HPD9-8.1.x86_64.rpm	MB008000JWJRQ	HPD9 (H)	HPD9
1178	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWJRQ and MB006000JWJRP Drives	firmware-hdd-faf39e0ff7-HPD9-8.1.x86_64.rpm	MB006000JWJRP	HPD9 (H)	HPD9
1179	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWRTD Drive	firmware-hdd-8b26d1ef02-HPD2-9.1.x86_64.rpm	MB008000JWRTD	HPD2 (I)	HPD2
1180	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWWQP and MB006000JWWQN Drives	firmware-hdd-ae6b41e855-HPD8-6.1.x86_64.rpm	MB006000JWWQN	HPD8 (F)	HPD8
1181	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWWQP and MB006000JWWQN Drives	firmware-hdd-ae6b41e855-HPD8-6.1.x86_64.rpm	MB008000JWWQP	HPD8 (F)	HPD8
1182	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	firmware-hdd-cf0b6cabe1-HPD4-5.1.x86_64.rpm	MB010000JWZHA	HPD4 (E)	HPD4
1183	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	firmware-hdd-cf0b6cabe1-HPD4-5.1.x86_64.rpm	MB016000JWZHE	HPD4 (E)	HPD4
1184	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	firmware-hdd-cf0b6cabe1-HPD4-5.1.x86_64.rpm	MB014000JWZHC	HPD4 (E)	HPD4
1185	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	firmware-hdd-cf0b6cabe1-HPD4-5.1.x86_64.rpm	MB012000JWZHB	HPD4 (E)	HPD4
1186	Online HDD/SSD Flash Component for Linux (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	firmware-hdd-8173816d98-HPD3-3.1.x86_64.rpm	MB010000JYDKK	HPD3 (C)	HPD3
1187	Online HDD/SSD Flash Component for Linux (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	firmware-hdd-8173816d98-HPD3-3.1.x86_64.rpm	MB012000JYCJF	HPD3 (C)	HPD3
1188	Online HDD/SSD Flash Component for Linux (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	firmware-hdd-8173816d98-HPD3-3.1.x86_64.rpm	MB014000JYCJV	HPD3 (C)	HPD3
1189	Online HDD/SSD Flash Component for Linux (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	firmware-hdd-8173816d98-HPD3-3.1.x86_64.rpm	MB016000JYDKL	HPD3 (C)	HPD3
1190	Online HDD/SSD Flash Component for Linux (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV,	firmware-hdd-8173816d98-HPD3-3.1.x86_64.rpm	MB018000JYDKN	HPD3 (C)	HPD3

	MB016000JYDKL and MB018000JYDKN Drives				
1191	Online HDD/SSD Flash Component for Linux (x64) - MB012000JWDFD Drive	firmware-hdd-aaf1014ede-HPD4-3.1.x86_64.rpm	MB012000JWDFD	HPD4 (C)	HPD4
1192	Online HDD/SSD Flash Component for Linux (x64) - MB012000JZYVN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives	firmware-hdd-87b796d9ae-HPD4-3.1.x86_64.rpm	MB012000JZYVN	HPD4 (C)	HPD4
1193	Online HDD/SSD Flash Component for Linux (x64) - MB012000JZYVN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives	firmware-hdd-87b796d9ae-HPD4-3.1.x86_64.rpm	MB014000JZYVP	HPD4 (C)	HPD4
1194	Online HDD/SSD Flash Component for Linux (x64) - MB012000JZYVN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives	firmware-hdd-87b796d9ae-HPD4-3.1.x86_64.rpm	MB016000JZYVQ	HPD4 (C)	HPD4
1195	Online HDD/SSD Flash Component for Linux (x64) - MB012000JZYVN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives	firmware-hdd-87b796d9ae-HPD4-3.1.x86_64.rpm	MB018000JYCLK	HPD4 (C)	HPD4
1196	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	firmware-hdd-10385ef3e6-HPD2-13.1.x86_64.rpm	MB014000JWRTH	HPD2 (M)	HPD2
1197	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	firmware-hdd-10385ef3e6-HPD2-13.1.x86_64.rpm	MB012000JWRTF	HPD2 (M)	HPD2
1198	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	firmware-hdd-10385ef3e6-HPD2-13.1.x86_64.rpm	MB010000JWRTE	HPD2 (M)	HPD2
1199	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWTFD and MB012000JWTFC Drives	firmware-hdd-4ba9615f90-HPD9-2.1.x86_64.rpm	MB014000JWTFD	HPD9 (B)	HPD9
1200	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWTFD and MB012000JWTFC Drives	firmware-hdd-4ba9615f90-HPD9-2.1.x86_64.rpm	MB012000JWTFC	HPD9 (B)	HPD9
1201	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWUDB Drive	firmware-hdd-cfd7436fcc-HPD4-3.1.x86_64.rpm	MB014000JWUDB	HPD4 (C)	HPD4
1202	Online HDD/SSD Flash Component for Linux (x64) - MB014000JXUCC Drive	firmware-hdd-017797f12e-HPD4-4.1.x86_64.rpm	MB014000JXUCC	HPD4 (D)	HPD4
1203	Online HDD/SSD Flash Component for Linux (x64) - MB016000JWXKH Drive	firmware-hdd-8a0371a425-HPDC-1.1.x86_64.rpm	MB016000JWXKH	HPDC	HPDC
1204	Online HDD/SSD Flash Component for Linux (x64) - MB016000JXLBA and MB018000JXLAU Drives	firmware-hdd-d550523365-HPD3-4.1.x86_64.rpm	MB016000JXLBA	HPD3 (D)	HPD3
1205	Online HDD/SSD Flash Component for Linux (x64) - MB016000JXLBA and MB018000JXLAU Drives	firmware-hdd-d550523365-HPD3-4.1.x86_64.rpm	MB018000JXLAU	HPD3 (D)	HPD3
1206	Online HDD/SSD Flash Component for Linux (x64) - MB018000JXMTH and MB020000JXMTP Drives	firmware-hdd-020fc874ad-HPD3-1.1.x86_64.rpm	MB020000JXMTP	HPD3	HPD3
1207	Online HDD/SSD Flash Component for Linux (x64) - MB018000JXMTH and MB020000JXMTP Drives	firmware-hdd-020fc874ad-HPD3-1.1.x86_64.rpm	MB018000JXMTH	HPD3	HPD3
1208	Online HDD/SSD Flash Component for Linux (x64) - MB2000JFDSL and MB4000JFDSN Drives	firmware-hdd-46fc43ab26-HPD4-14.1.x86_64.rpm	MB2000JFDSL	HPD4 (N)	HPD4
1209	Online HDD/SSD Flash Component for Linux (x64) - MB2000JFDSL and MB4000JFDSN Drives	firmware-hdd-46fc43ab26-HPD4-14.1.x86_64.rpm	MB4000JFDSN	HPD4 (N)	HPD4

1210	Online HDD/SSD Flash Component for Linux (x64) - MM1000JEFRB and MM2000JEFRC Drives	firmware-hdd-b04257b77b-HPDA-5.1.x86_64.rpm	MM1000JEFRB	HPDA (E)	HPDA
1211	Online HDD/SSD Flash Component for Linux (x64) - MM1000JEFRB and MM2000JEFRC Drives	firmware-hdd-b04257b77b-HPDA-5.1.x86_64.rpm	MM2000JEFRC	HPDA (E)	HPDA
1212	Online HDD/SSD Flash Component for Linux (x64) - MM1000JFJTH Drive	firmware-hdd-fa46c607d6-HPD5-5.1.x86_64.rpm	MM1000JFJTH	HPD5 (E)	HPD5
1213	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd-ef93133161-HPD4-2.1.x86_64.rpm	MO006400JWUGB	HPD4 (B)	HPD4
1214	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd-ef93133161-HPD4-2.1.x86_64.rpm	MO003200JWUGA	HPD4 (B)	HPD4
1215	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd-ef93133161-HPD4-2.1.x86_64.rpm	MO001600JWUFV	HPD4 (B)	HPD4
1216	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd-ef93133161-HPD4-2.1.x86_64.rpm	EO001600JWUGE	HPD4 (B)	HPD4
1217	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd-ef93133161-HPD4-2.1.x86_64.rpm	MO000800JWUFU	HPD4 (B)	HPD4
1218	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd-ef93133161-HPD4-2.1.x86_64.rpm	EO000800JWUGD	HPD4 (B)	HPD4
1219	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd-ef93133161-HPD4-2.1.x86_64.rpm	MO000400JWUFT	HPD4 (B)	HPD4
1220	Online HDD/SSD Flash Component for	firmware-hdd-	EO000400JWUGC	HPD4 (B)	HPD4

	Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	ef93133161-HPD4-2.1.x86_64.rpm			
1221	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd-24384980ec-HPD2-1.1.x86_64.rpm	MO000800JXBEV	HPD2	HPD2
1222	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd-24384980ec-HPD2-1.1.x86_64.rpm	MO001600JXBFP	HPD2	HPD2
1223	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd-24384980ec-HPD2-1.1.x86_64.rpm	MO003200JXBFQ	HPD2	HPD2
1224	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd-24384980ec-HPD2-1.1.x86_64.rpm	MO006400JXBFR	HPD2	HPD2
1225	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd-24384980ec-HPD2-1.1.x86_64.rpm	MO000960JXBFA	HPD2	HPD2
1226	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd-24384980ec-HPD2-1.1.x86_64.rpm	MO001920JXBFT	HPD2	HPD2
1227	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd-24384980ec-HPD2-1.1.x86_64.rpm	MO003840JXBFU	HPD2	HPD2
1228	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ,	firmware-hdd-24384980ec-HPD2-1.1.x86_64.rpm	MO007680JXBGA	HPD2	HPD2

	MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives				
1229	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd-24384980ec-HPD2-1.1.x86_64.rpm	MO015360JXBFV	HPD2	HPD2
1230	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd-24384980ec-HPD2-1.1.x86_64.rpm	EO000400JXBEU	HPD2	HPD2
1231	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd-24384980ec-HPD2-1.1.x86_64.rpm	EO000800JXBFL	HPD2	HPD2
1232	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd-24384980ec-HPD2-1.1.x86_64.rpm	EO001600JXBFN	HPD2	HPD2
1233	Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	firmware-hdd-a07a420ed1-HPD5-4.1.x86_64.rpm	VO006400JWZJT	HPD5 (D)	HPD5
1234	Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	firmware-hdd-a07a420ed1-HPD5-4.1.x86_64.rpm	VO003200JWZJR	HPD5 (D)	HPD5
1235	Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	firmware-hdd-a07a420ed1-HPD5-4.1.x86_64.rpm	VO001600JWZJQ	HPD5 (D)	HPD5
1236	Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	firmware-hdd-a07a420ed1-HPD5-4.1.x86_64.rpm	VO000800JWZJP	HPD5 (D)	HPD5
1237	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPDB-3.1.x86_64.rpm	VO007680JWTBP	HPDB (C)	HPDB
1238	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ,	firmware-hdd-9ad359dac1-HPDB-3.1.x86_64.rpm	MO006400JWTCD	HPDB (C)	HPDB

	MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives				
1239	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPDB-3.1.x86_64.rpm	VO003840JWTBN	HPDB (C)	HPDB
1240	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPDB-3.1.x86_64.rpm	MO003200JWTBU	HPDB (C)	HPDB
1241	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPDB-3.1.x86_64.rpm	EO003200JWTCC	HPDB (C)	HPDB
1242	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPDB-3.1.x86_64.rpm	VO001920JWTBL	HPDB (C)	HPDB
1243	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPDB-3.1.x86_64.rpm	MO001600JWTBT	HPDB (C)	HPDB
1244	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPDB-3.1.x86_64.rpm	EO001600JWTCB	HPDB (C)	HPDB
1245	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV,	firmware-hdd-9ad359dac1-HPDB-3.1.x86_64.rpm	VO000960JWTBK	HPDB (C)	HPDB

	EO000800JWTCA and EO001600JWTCB Drives				
1246	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPDB-3.1.x86_64.rpm	MO000800JWTBR	HPDB (C)	HPDB
1247	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPDB-3.1.x86_64.rpm	EO000800JWTCA	HPDB (C)	HPDB
1248	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPDB-3.1.x86_64.rpm	MO000400JWTBQ	HPDB (C)	HPDB
1249	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPDB-3.1.x86_64.rpm	EO000400JWTBV	HPDB (C)	HPDB
1250	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPDB-3.1.x86_64.rpm	MO001920JWWWV	HPDB (C)	HPDB
1251	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd-35fd24601f-HPD5-4.1.x86_64.rpm	VO015360JWZJN	HPD5 (D)	HPD5
1252	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd-35fd24601f-HPD5-4.1.x86_64.rpm	VO007680JWZJL	HPD5 (D)	HPD5
1253	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd-35fd24601f-HPD5-4.1.x86_64.rpm	VO003840JWZJK	HPD5 (D)	HPD5
1254	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and	firmware-hdd-35fd24601f-HPD5-4.1.x86_64.rpm	VO001920JWZJH	HPD5 (D)	HPD5

	VO015360JWZJN Drives				
1255	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd-35fd24601f-HPD5-4.1.x86_64.rpm	VO000960JWZJF	HPD5 (D)	HPD5
1256	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb2-HPD8-3.1.x86_64.rpm	VO007680RWUFC	HPD8 (C)	HPD8
1257	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb2-HPD8-3.1.x86_64.rpm	VO003840RWUFF	HPD8 (C)	HPD8
1258	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb2-HPD8-3.1.x86_64.rpm	VO003840RWUFB	HPD8 (C)	HPD8
1259	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb2-HPD8-3.1.x86_64.rpm	VO001920RWUFE	HPD8 (C)	HPD8
1260	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb2-HPD8-3.1.x86_64.rpm	VO001920RWUFA	HPD8 (C)	HPD8
1261	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb2-HPD8-3.1.x86_64.rpm	VO000960RWUFD	HPD8 (C)	HPD8
1262	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb2-HPD8-3.1.x86_64.rpm	VO000960RWUEV	HPD8 (C)	HPD8
1263	Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XZCMB, MO0000800XZCLQ and MO001600XZCLV Drives	firmware-hdd-8f501d6cf1-HPD3-2.1.x86_64.rpm	VO003840XZCLT	HPD3 (B)	HPD3
1264	Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XZCMB, MO0000800XZCLQ and MO001600XZCLV Drives	firmware-hdd-8f501d6cf1-HPD3-2.1.x86_64.rpm	MO001600XZCLV	HPD3 (B)	HPD3
1265	Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XZCMB, MO0000800XZCLQ and MO001600XZCLV Drives	firmware-hdd-8f501d6cf1-HPD3-2.1.x86_64.rpm	MO0000800XZCLQ	HPD3 (B)	HPD3
1266	Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XZCMB, MO0000800XZCLQ and MO001600XZCLV Drives	firmware-hdd-8f501d6cf1-HPD3-2.1.x86_64.rpm	VO007680XZCMB	HPD3 (B)	HPD3
1267	Online HDD/SSD Flash Component for VMware ESXi - EG000300JWSJP,	CP065966.zip	EG001200JWJNK	HPD5 (E)	HPD5

	EG000600JWJNH and EG001200JWJNK Drives				
1268	Online HDD/SSD Flash Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	CP065966.zip	EG000600JWJNH	HPD5 (E)	HPD5
1269	Online HDD/SSD Flash Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	CP065966.zip	EG000300JWSJP	HPD5 (E)	HPD5
1270	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	CP065996.zip	EG001200JWJNQ	HPD8 (C)	HPD8
1271	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	CP065996.zip	EG000600JWJNP	HPD8 (C)	HPD8
1272	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	CP065996.zip	EG001200MXJQU	HPD8 (C)	HPD8
1273	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	CP065996.zip	EG000600JXLVV	HPD8 (C)	HPD8
1274	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	CP065996.zip	EG001200JXLWA	HPD8 (C)	HPD8
1275	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNL and EG002400JWJNN Drives	CP065968.zip	EG002400JWJNN	HPD5 (E)	HPD5
1276	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNL and EG002400JWJNN Drives	CP065968.zip	EG001800JWJNL	HPD5 (E)	HPD5
1277	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	CP065998.zip	EG001800JWJNR	HPDA (D)	HPDA
1278	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	CP065998.zip	EG002400JWJNT	HPDA (D)	HPDA
1279	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	CP065998.zip	EG002400MXJQT	HPDA (D)	HPDA
1280	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	CP065998.zip	EG001800JXLWB	HPDA (D)	HPDA
1281	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	CP065998.zip	EG002400JXLWC	HPDA (D)	HPDA

1282	Online HDD/SSD Flash Component for VMware ESXi - EH000600JWCPF and EH000900JWCPH Drives	CP066003.zip	EH000600JWCPF	HPDD (B)	HPDD
1283	Online HDD/SSD Flash Component for VMware ESXi - EH000600JWCPF and EH000900JWCPH Drives	CP066003.zip	EH000900JWCPH	HPDD (B)	HPDD
1284	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPK and EH000600JWHPH Drives	CP065959.zip	EH000900JWHPK	HPD8 (C)	HPD8
1285	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPK and EH000600JWHPH Drives	CP065959.zip	EH000600JWHPH	HPD8 (C)	HPD8
1286	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	CP065963.zip	EH000900JWHPP	HPD8 (C)	HPD8
1287	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	CP065963.zip	EH000600JWHPN	HPD8 (C)	HPD8
1288	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	CP065963.zip	EH000300JWHPL	HPD8 (C)	HPD8
1289	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP065939.zip	MO003200JWDLB	HPD3 (B)	HPD3
1290	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP065939.zip	MO001600JWDLA	HPD3 (B)	HPD3
1291	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP065939.zip	EO001600JWDKR	HPD3 (B)	HPD3
1292	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP065939.zip	MO000800JWDKV	HPD3 (B)	HPD3
1293	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP065939.zip	EO000800JWDKQ	HPD3 (B)	HPD3
1294	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP065939.zip	MO000400JWDKU	HPD3 (B)	HPD3
1295	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP065939.zip	EO000400JWDKP	HPD3 (B)	HPD3

1296	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP065931.zip	EO000800PXDCK	HPD4 (B)	HPD4
1297	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP065931.zip	MO000800PXDBP	HPD4 (B)	HPD4
1298	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP065931.zip	EO000400PXDBQ	HPD4 (B)	HPD4
1299	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP065931.zip	EO001600PXDCH	HPD4 (B)	HPD4
1300	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP065931.zip	MO001600PXDCC	HPD4 (B)	HPD4
1301	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP065931.zip	MO006400PXDCE	HPD4 (B)	HPD4
1302	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP065931.zip	VO007680PXDBU	HPD4 (B)	HPD4
1303	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP065931.zip	VO001920PXDBR	HPD4 (B)	HPD4
1304	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ,	CP065931.zip	VO015300PXDBV	HPD4 (B)	HPD4

	EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives				
1305	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP065931.zip	MO003200PXDCD	HPD4 (B)	HPD4
1306	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP065931.zip	VO000960PXDBN	HPD4 (B)	HPD4
1307	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP065931.zip	VO003840PXDBT	HPD4 (B)	HPD4
1308	Online HDD/SSD Flash Component for VMware ESXi - MB002000JWFVN and MB004000JWFVP Drives	CP065988.zip	MB002000JWFVN	HPD4 (G)	HPD4
1309	Online HDD/SSD Flash Component for VMware ESXi - MB002000JWFVN and MB004000JWFVP Drives	CP065988.zip	MB004000JWFVP	HPD4 (G)	HPD4
1310	Online HDD/SSD Flash Component for VMware ESXi - MB002000JYDNE and MB004000JYDPB Drives	CP065967.zip	MB004000JYDPB	HPD4 (B)	HPD4
1311	Online HDD/SSD Flash Component for VMware ESXi - MB002000JYDNE and MB004000JYDPB Drives	CP065967.zip	MB002000JYDNE	HPD4 (B)	HPD4
1312	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWFVK and MB006000JWFVL Drives	CP065961.zip	MB004000JWFVK	HPD4 (F)	HPD4
1313	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWFVK and MB006000JWFVL Drives	CP065961.zip	MB006000JWFVL	HPD4 (F)	HPD4
1314	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWKGU Drive	CP065986.zip	MB004000JWKGU	HPD2 (F)	HPD2
1315	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWWQB and MB002000JWWQA Drives	CP066009.zip	MB004000JWWQB	HPD8 (C)	HPD8
1316	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWWQB and MB002000JWWQA Drives	CP066009.zip	MB002000JWWQA	HPD8 (C)	HPD8
1317	Online HDD/SSD Flash Component for VMware ESXi - MB006000JWKGN Drive	CP065983.zip	MB006000JWKGN	HPD2 (F)	HPD2
1318	Online HDD/SSD Flash Component for VMware ESXi - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives	CP065960.zip	MB006000JYDNF	HPD3 (B)	HPD3
1319	Online HDD/SSD Flash Component for VMware ESXi - MB006000JYDNF,	CP065960.zip	MB008000JYDPC	HPD3 (B)	HPD3

	MB008000JYDPC and MB010000JYDNH Drives				
1320	Online HDD/SSD Flash Component for VMware ESXi - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives	CP065960.zip	MB010000JYDNH	HPD3 (B)	HPD3
1321	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWJRQ and MB006000JWJRP Drives	CP065930.zip	MB008000JWJRQ	HPD9 (G)	HPD9
1322	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWJRQ and MB006000JWJRP Drives	CP065930.zip	MB006000JWJRP	HPD9 (G)	HPD9
1323	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWRTD Drive	CP065989.zip	MB008000JWRTD	HPD2 (G)	HPD2
1324	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWWQP and MB006000JWWQN Drives	CP066008.zip	MB006000JWWQN	HPD8 (C)	HPD8
1325	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWWQP and MB006000JWWQN Drives	CP066008.zip	MB008000JWWQP	HPD8 (C)	HPD8
1326	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	CP066010.zip	MB010000JWZHA	HPD4 (C)	HPD4
1327	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	CP066010.zip	MB012000JWZHB	HPD4 (C)	HPD4
1328	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	CP066010.zip	MB016000JWZHE	HPD4 (C)	HPD4
1329	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	CP066010.zip	MB014000JWZHC	HPD4 (C)	HPD4
1330	Online HDD/SSD Flash Component for VMware ESXi - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	CP065975.zip	MB010000JYDKK	HPD3 (C)	HPD3
1331	Online HDD/SSD Flash Component for VMware ESXi - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	CP065975.zip	MB012000JYCJF	HPD3 (C)	HPD3
1332	Online HDD/SSD Flash Component for VMware ESXi - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	CP065975.zip	MB014000JYCJV	HPD3 (C)	HPD3
1333	Online HDD/SSD Flash Component for VMware ESXi - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	CP065975.zip	MB016000JYDKL	HPD3 (C)	HPD3
1334	Online HDD/SSD Flash Component for VMware ESXi - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	CP065975.zip	MB018000JYDKN	HPD3 (C)	HPD3
1335	Online HDD/SSD Flash Component for VMware ESXi - MB012000JWDFD Drive	CP065935.zip	MB012000JWDFD	HPD4 (C)	HPD4
1336	Online HDD/SSD Flash Component for	CP065973.zip	MB012000JZYVN	HPD4 (C)	HPD4

	VMware ESXi - MB012000JZYVN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives				
1337	Online HDD/SSD Flash Component for VMware ESXi - MB012000JZYVN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives	CP065973.zip	MB014000JZYVP	HPD4 (C)	HPD4
1338	Online HDD/SSD Flash Component for VMware ESXi - MB012000JZYVN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives	CP065973.zip	MB016000JZYVQ	HPD4 (C)	HPD4
1339	Online HDD/SSD Flash Component for VMware ESXi - MB012000JZYVN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives	CP065973.zip	MB018000JYCLK	HPD4 (C)	HPD4
1340	Online HDD/SSD Flash Component for VMware ESXi - MB014000JWTFD and MB012000JWTFC Drives	CP065933.zip	MB014000JWTFD	HPD9 (B)	HPD9
1341	Online HDD/SSD Flash Component for VMware ESXi - MB014000JWTFD and MB012000JWTFC Drives	CP065933.zip	MB012000JWTFC	HPD9 (B)	HPD9
1342	Online HDD/SSD Flash Component for VMware ESXi - MB014000JWUDB Drive	CP065992.zip	MB014000JWUDB	HPD4 (C)	HPD4
1343	Online HDD/SSD Flash Component for VMware ESXi - MB014000JXUCC Drive	CP065932.zip	MB014000JXUCC	HPD4 (C)	HPD4
1344	Online HDD/SSD Flash Component for VMware ESXi - MB016000JWXKH Drive	CP065940.zip	MB016000JWXKH	HPDC (B)	HPDC
1345	Online HDD/SSD Flash Component for VMware ESXi - MB016000JXLBA and MB018000JXLAU Drives	CP065993.zip	MB016000JXLBA	HPD3 (C)	HPD3
1346	Online HDD/SSD Flash Component for VMware ESXi - MB016000JXLBA and MB018000JXLAU Drives	CP065993.zip	MB018000JXLAU	HPD3 (C)	HPD3
1347	Online HDD/SSD Flash Component for VMware ESXi - MB018000JXMTH and MB020000JXMTP Drives	CP065976.zip	MB018000JXMTH	HPD3 (B)	HPD3
1348	Online HDD/SSD Flash Component for VMware ESXi - MB018000JXMTH and MB020000JXMTP Drives	CP065976.zip	MB020000JXMTP	HPD3 (B)	HPD3
1349	Online HDD/SSD Flash Component for VMware ESXi - MB2000JFDSL and MB4000JFDSN Drives	CP066012.zip	MB2000JFDSL	HPD4 (M)	HPD4
1350	Online HDD/SSD Flash Component for VMware ESXi - MB2000JFDSL and MB4000JFDSN Drives	CP066012.zip	MB4000JFDSN	HPD4 (M)	HPD4
1351	Online HDD/SSD Flash Component for VMware ESXi - MM1000JEFRB and MM2000JEFRC Drives	CP066004.zip	MM1000JEFRB	HPDA (E)	HPDA
1352	Online HDD/SSD Flash Component for VMware ESXi - MM1000JEFRB and MM2000JEFRC Drives	CP066004.zip	MM2000JEFRC	HPDA (E)	HPDA
1353	Online HDD/SSD Flash Component for VMware ESXi - MM1000JFJTH Drive	CP066005.zip	MM1000JFJTH	HPD5 (E)	HPD5
1354	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP065958.zip	MO006400JWUGB	HPD4 (B)	HPD4
1355	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU,	CP065958.zip	MO003200JWUGA	HPD4 (B)	HPD4

	MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives				
1356	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP065958.zip	MO001600JWUFV	HPD4 (B)	HPD4
1357	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP065958.zip	EO001600JWUGE	HPD4 (B)	HPD4
1358	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP065958.zip	MO000800JWUFU	HPD4 (B)	HPD4
1359	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP065958.zip	EO000800JWUGD	HPD4 (B)	HPD4
1360	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP065958.zip	MO000400JWUFT	HPD4 (B)	HPD4
1361	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP065958.zip	EO000400JWUGC	HPD4 (B)	HPD4
1362	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP064915.zip	MO000800JXBEV	HPD2	HPD2
1363	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU,	CP064915.zip	MO001600JXBFP	HPD2	HPD2

	MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives				
1364	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP064915.zip	MO003200JXBFQ	HPD2	HPD2
1365	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP064915.zip	MO006400JXBFR	HPD2	HPD2
1366	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP064915.zip	MO000960JXBFA	HPD2	HPD2
1367	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP064915.zip	MO001920JXBFT	HPD2	HPD2
1368	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP064915.zip	MO003840JXBFU	HPD2	HPD2
1369	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP064915.zip	MO007680JXBGA	HPD2	HPD2
1370	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP064915.zip	MO015360JXBFV	HPD2	HPD2
1371	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and	CP064915.zip	EO000400JXBEU	HPD2	HPD2

	EO001600JXBFN Drives				
1372	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP064915.zip	EO000800JXBFL	HPD2	HPD2
1373	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP064915.zip	EO001600JXBFN	HPD2	HPD2
1374	Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	CP065943.zip	VO006400JWZJT	HPD5 (C)	HPD5
1375	Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	CP065943.zip	VO003200JWZJR	HPD5 (C)	HPD5
1376	Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	CP065943.zip	VO001600JWZJQ	HPD5 (C)	HPD5
1377	Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	CP065943.zip	VO000800JWZJP	HPD5 (C)	HPD5
1378	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA, EO001600JWTCB Drives	CP065950.zip	VO007680JWTBP	HPDB (C)	HPDB
1379	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA, EO001600JWTCB Drives	CP065950.zip	MO006400JWTCD	HPDB (C)	HPDB
1380	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA, EO001600JWTCB Drives	CP065950.zip	VO003840JWTBN	HPDB (C)	HPDB
1381	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU,	CP065950.zip	MO003200JWTBU	HPDB (C)	HPDB

	MO006400JWTCD, EO000400JWTBV, EO000800JWTCA, EO001600JWTCB Drives				
1382	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA, EO001600JWTCB Drives	CP065950.zip	EO003200JWTCC	HPDB (C)	HPDB
1383	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA, EO001600JWTCB Drives	CP065950.zip	VO001920JWTBL	HPDB (C)	HPDB
1384	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA, EO001600JWTCB Drives	CP065950.zip	MO001600JWTBT	HPDB (C)	HPDB
1385	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA, EO001600JWTCB Drives	CP065950.zip	EO001600JWTCB	HPDB (C)	HPDB
1386	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA, EO001600JWTCB Drives	CP065950.zip	VO000960JWTBK	HPDB (C)	HPDB
1387	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA, EO001600JWTCB Drives	CP065950.zip	MO000800JWTBR	HPDB (C)	HPDB
1388	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA, EO001600JWTCB Drives	CP065950.zip	EO000800JWTCA	HPDB (C)	HPDB

1389	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA, EO001600JWTCB Drives	CP065950.zip	MO000400JWTBQ	HPDB (C)	HPDB
1390	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA, EO001600JWTCB Drives	CP065950.zip	EO000400JWTBV	HPDB (C)	HPDB
1391	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA, EO001600JWTCB Drives	CP065950.zip	MO001920JWWWV	HPDB (C)	HPDB
1392	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP065944.zip	VO015360JWZJN	HPD5 (C)	HPD5
1393	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP065944.zip	VO007680JWZJL	HPD5 (C)	HPD5
1394	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP065944.zip	VO003840JWZJK	HPD5 (C)	HPD5
1395	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP065944.zip	VO001920JWZJH	HPD5 (C)	HPD5
1396	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP065944.zip	VO000960JWZJF	HPD5 (C)	HPD5
1397	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP065957.zip	VO007680RWUFC	HPD8 (C)	HPD8
1398	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP065957.zip	VO003840RWUFF	HPD8 (C)	HPD8
1399	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV,	CP065957.zip	VO003840RWUFB	HPD8 (C)	HPD8

	VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives				
1400	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP065957.zip	VO001920RWUFE	HPD8 (C)	HPD8
1401	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP065957.zip	VO001920RWUFA	HPD8 (C)	HPD8
1402	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP065957.zip	VO000960RWUFD	HPD8 (C)	HPD8
1403	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP065957.zip	VO000960RWUEV	HPD8 (C)	HPD8
1404	Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	CP065962.zip	VO003840XZCLT	HPD3 (B)	HPD3
1405	Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	CP065962.zip	MO001600XZCLV	HPD3 (B)	HPD3
1406	Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	CP065962.zip	MO000800XZCLQ	HPD3 (B)	HPD3
1407	Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	CP065962.zip	VO007680XZCMB	HPD3 (B)	HPD3
1408	Online HDD/SSD Flash Component for VMware ESXi -MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	CP065999.zip	MB014000JWRTH	HPD2 (J)	HPD2
1409	Online HDD/SSD Flash Component for VMware ESXi -MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	CP065999.zip	MB012000JWRTF	HPD2 (J)	HPD2
1410	Online HDD/SSD Flash Component for VMware ESXi -MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	CP065999.zip	MB010000JWRTE	HPD2 (J)	HPD2
1411	Online HDD/SSD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	cp065026.exe	EG001200JWJNK	HPD5 (E)	HPD5
1412	Online HDD/SSD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	cp065026.exe	EG000600JWJNH	HPD5 (E)	HPD5
1413	Online HDD/SSD Flash Component for Windows (x64) - EG000300JWSJP,	cp065026.exe	EG000300JWSJP	HPD5 (E)	HPD5

	EG000600JWJNH and EG001200JWJNK Drives				
1414	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	cp065043.exe	EG001200MXJQU	HPD8 (C)	HPD8
1415	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	cp065043.exe	EG000600JXLVV	HPD8 (C)	HPD8
1416	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	cp065043.exe	EG001200JXLWA	HPD8 (C)	HPD8
1417	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	cp065043.exe	EG000600JWJNP	HPD8 (C)	HPD8
1418	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	cp065043.exe	EG001200JWJNQ	HPD8 (C)	HPD8
1419	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNL and EG002400JWJNN Drives	cp065025.exe	EG002400JWJNN	HPD5 (E)	HPD5
1420	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNL and EG002400JWJNN Drives	cp065025.exe	EG001800JWJNL	HPD5 (E)	HPD5
1421	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	cp065045.exe	EG001800JWJNR	HPDA (D)	HPDA
1422	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	cp065045.exe	EG002400JWJNT	HPDA (D)	HPDA
1423	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	cp065045.exe	EG002400MXJQT	HPDA (D)	HPDA
1424	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	cp065045.exe	EG001800JXLWB	HPDA (D)	HPDA
1425	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	cp065045.exe	EG002400JXLWC	HPDA (D)	HPDA
1426	Online HDD/SSD Flash Component for Windows (x64) - EH000600JWCPF and EH000900JWCPH Drives	cp064865.exe	EH000600JWCPF	HPDD (B)	HPDD
1427	Online HDD/SSD Flash Component for Windows (x64) - EH000600JWCPF and EH000900JWCPH Drives	cp064865.exe	EH000900JWCPH	HPDD (B)	HPDD
1428	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPK	cp065028.exe	EH000600JWHPH	HPD8 (D)	HPD8

	and EH000600JWHPH Drives				
1429	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPK and EH000600JWHPH Drives	cp065028.exe	EH000900JWHPK	HPD8 (D)	HPD8
1430	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	cp065027.exe	EH000300JWHPL	HPD8 (D)	HPD8
1431	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	cp065027.exe	EH000600JWHPN	HPD8 (D)	HPD8
1432	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	cp065027.exe	EH000900JWHPP	HPD8 (D)	HPD8
1433	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp065037.exe	EO001600JWDKR	HPD3 (B)	HPD3
1434	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp065037.exe	MO001600JWDLA	HPD3 (B)	HPD3
1435	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp065037.exe	MO003200JWDLB	HPD3 (B)	HPD3
1436	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp065037.exe	EO000400JWDKP	HPD3 (B)	HPD3
1437	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp065037.exe	MO000400JWDKU	HPD3 (B)	HPD3
1438	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp065037.exe	EO000800JWDKQ	HPD3 (B)	HPD3
1439	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp065037.exe	MO000800JWDKV	HPD3 (B)	HPD3
1440	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp065078.exe	EO000800PXDCK	HPD4 (B)	HPD4

1441	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp065078.exe	MO000800PXDBP	HPD4 (B)	HPD4
1442	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp065078.exe	EO000400PXDBQ	HPD4 (B)	HPD4
1443	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp065078.exe	EO001600PXDCH	HPD4 (B)	HPD4
1444	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp065078.exe	MO001600PXDCC	HPD4 (B)	HPD4
1445	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp065078.exe	MO006400PXDCE	HPD4 (B)	HPD4
1446	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp065078.exe	VO007680PXDBU	HPD4 (B)	HPD4
1447	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp065078.exe	VO001920PXDBR	HPD4 (B)	HPD4
1448	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp065078.exe	VO015300PXDBV	HPD4 (B)	HPD4
1449	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ,	cp065078.exe	MO003200PXDCD	HPD4 (B)	HPD4

	EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives				
1450	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp065078.exe	VO000960PXDBN	HPD4 (B)	HPD4
1451	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp065078.exe	VO003840PXDBT	HPD4 (B)	HPD4
1452	Online HDD/SSD Flash Component for Windows (x64) - MB002000JWFVN and MB004000JWFVP Drives	cp065058.exe	MB002000JWFVN	HPD4 (G)	HPD4
1453	Online HDD/SSD Flash Component for Windows (x64) - MB002000JWFVN and MB004000JWFVP Drives	cp065058.exe	MB004000JWFVP	HPD4 (G)	HPD4
1454	Online HDD/SSD Flash Component for Windows (x64) - MB002000JYDNE and MB004000JYDPB Drives	cp065085.exe	MB004000JYDPB	HPD4 (B)	HPD4
1455	Online HDD/SSD Flash Component for Windows (x64) - MB002000JYDNE and MB004000JYDPB Drives	cp065085.exe	MB002000JYDNE	HPD4 (B)	HPD4
1456	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWFVK and MB006000JWFVL Drives	cp065049.exe	MB004000JWFVK	HPD4 (F)	HPD4
1457	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWFVK and MB006000JWFVL Drives	cp065049.exe	MB006000JWFVL	HPD4 (F)	HPD4
1458	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWKGU Drive	cp065047.exe	MB004000JWKGU	HPD2 (F)	HPD2
1459	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWWQB and MB002000JWWQA Drives	cp065081.exe	MB004000JWWQB	HPD8 (D)	HPD8
1460	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWWQB and MB002000JWWQA Drives	cp065081.exe	MB002000JWWQA	HPD8 (D)	HPD8
1461	Online HDD/SSD Flash Component for Windows (x64) - MB006000JWKGN Drive	cp065038.exe	MB006000JWKGN	HPD2 (F)	HPD2
1462	Online HDD/SSD Flash Component for Windows (x64) - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives	cp065084.exe	MB006000JYDNF	HPD3 (B)	HPD3
1463	Online HDD/SSD Flash Component for Windows (x64) - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives	cp065084.exe	MB008000JYDPC	HPD3 (B)	HPD3
1464	Online HDD/SSD Flash Component for Windows (x64) - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives	cp065084.exe	MB010000JYDNH	HPD3 (B)	HPD3
1465	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWJRQ	cp065033.exe	MB008000JWJRQ	HPD9 (G)	HPD9

	and MB006000JWJRP Drives				
1466	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWJRQ and MB006000JWJRP Drives	cp065033.exe	MB006000JWJRP	HPD9 (G)	HPD9
1467	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWRTD Drive	cp065097.exe	MB008000JWRTD	HPD2 (G)	HPD2
1468	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWWQP and MB006000JWWQN Drives	cp065080.exe	MB006000JWWQN	HPD8 (D)	HPD8
1469	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWWQP and MB006000JWWQN Drives	cp065080.exe	MB008000JWWQP	HPD8 (D)	HPD8
1470	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	cp065082.exe	MB010000JWZHA	HPD4 (D)	HPD4
1471	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	cp065082.exe	MB012000JWZHB	HPD4 (D)	HPD4
1472	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	cp065082.exe	MB014000JWZHC	HPD4 (D)	HPD4
1473	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	cp065082.exe	MB016000JWZHE	HPD4 (D)	HPD4
1474	Online HDD/SSD Flash Component for Windows (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	cp063922.exe	MB010000JYDKK	HPD3 (C)	HPD3
1475	Online HDD/SSD Flash Component for Windows (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	cp063922.exe	MB012000JYCJF	HPD3 (C)	HPD3
1476	Online HDD/SSD Flash Component for Windows (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	cp063922.exe	MB014000JYCJV	HPD3 (C)	HPD3
1477	Online HDD/SSD Flash Component for Windows (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	cp063922.exe	MB016000JYDKL	HPD3 (C)	HPD3
1478	Online HDD/SSD Flash Component for Windows (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	cp063922.exe	MB018000JYDKN	HPD3 (C)	HPD3
1479	Online HDD/SSD Flash Component for Windows (x64) - MB012000JWDFD Drive	cp065093.exe	MB012000JWDFD	HPD4 (C)	HPD4
1480	Online HDD/SSD Flash Component for Windows (x64) - MB012000JZYVN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives	cp065024.exe	MB012000JZYVN	HPD4 (C)	HPD4
1481	Online HDD/SSD Flash Component for Windows (x64) - MB012000JZYVN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives	cp065024.exe	MB014000JZYVP	HPD4 (C)	HPD4
1482	Online HDD/SSD Flash Component for	cp065024.exe	MB016000JZYVQ	HPD4 (C)	HPD4

	Windows (x64) - MB012000JZYVN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives				
1483	Online HDD/SSD Flash Component for Windows (x64) - MB012000JZYVN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives	cp065024.exe	MB018000JYCLK	HPD4 (C)	HPD4
1484	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	cp065054.exe	MB014000JWRTH	HPD2 (I)	HPD2
1485	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	cp065054.exe	MB012000JWRTF	HPD2 (I)	HPD2
1486	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	cp065054.exe	MB010000JWRTE	HPD2 (I)	HPD2
1487	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWTFD and MB012000JWTFC Drives	cp065032.exe	MB014000JWTFD	HPD9 (B)	HPD9
1488	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWTFD and MB012000JWTFC Drives	cp065032.exe	MB012000JWTFC	HPD9 (B)	HPD9
1489	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWUDB Drive	cp065018.exe	MB014000JWUDB	HPD4 (C)	HPD4
1490	Online HDD/SSD Flash Component for Windows (x64) - MB014000JXUCC Drive	cp065036.exe	MB014000JXUCC	HPD4 (C)	HPD4
1491	Online HDD/SSD Flash Component for Windows (x64) - MB016000JWXKH Drive	cp065031.exe	MB016000JWXKH	HPDC (B)	HPDC
1492	Online HDD/SSD Flash Component for Windows (x64) - MB016000JXLBA and MB018000JXLAU Drives	cp065020.exe	MB016000JXLBA	HPD3 (C)	HPD3
1493	Online HDD/SSD Flash Component for Windows (x64) - MB016000JXLBA and MB018000JXLAU Drives	cp065020.exe	MB018000JXLAU	HPD3 (C)	HPD3
1494	Online HDD/SSD Flash Component for Windows (x64) - MB018000JXMTH and MB020000JXMTP Drives	cp065087.exe	MB020000JXMTP	HPD3 (B)	HPD3
1495	Online HDD/SSD Flash Component for Windows (x64) - MB018000JXMTH and MB020000JXMTP Drives	cp065087.exe	MB018000JXMTH	HPD3 (B)	HPD3
1496	Online HDD/SSD Flash Component for Windows (x64) - MB2000JFDSL and MB4000JFDSN Drives	cp065055.exe	MB2000JFDSL	HPD4 (K)	HPD4
1497	Online HDD/SSD Flash Component for Windows (x64) - MB2000JFDSL and MB4000JFDSN Drives	cp065055.exe	MB4000JFDSN	HPD4 (K)	HPD4
1498	Online HDD/SSD Flash Component for Windows (x64) - MM1000JEFRB and MM2000JEFRC Drives	cp065063.exe	MM1000JEFRB	HPDA (E)	HPDA
1499	Online HDD/SSD Flash Component for Windows (x64) - MM1000JEFRB and MM2000JEFRC Drives	cp065063.exe	MM2000JEFRC	HPDA (E)	HPDA
1500	Online HDD/SSD Flash Component for Windows (x64) - MM1000JFJTH Drive	cp065064.exe	MM1000JFJTH	HPD5 (E)	HPD5
1501	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC,	cp065052.exe	MO006400JWUGB	HPD4 (B)	HPD4

	EO000800JWUGD and EO001600JWUGE Drives				
1502	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp065052.exe	MO003200JWUGA	HPD4 (B)	HPD4
1503	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp065052.exe	MO001600JWUFV	HPD4 (B)	HPD4
1504	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp065052.exe	EO001600JWUGE	HPD4 (B)	HPD4
1505	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp065052.exe	MO000800JWUFU	HPD4 (B)	HPD4
1506	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp065052.exe	EO000800JWUGD	HPD4 (B)	HPD4
1507	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp065052.exe	MO000400JWUFT	HPD4 (B)	HPD4
1508	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp065052.exe	EO000400JWUGC	HPD4 (B)	HPD4
1509	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp064916.exe	MO000800JXBEV	HPD2	HPD2

1510	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp064916.exe	MO001600JXBFP	HPD2	HPD2
1511	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp064916.exe	MO003200JXBFQ	HPD2	HPD2
1512	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp064916.exe	MO006400JXBFR	HPD2	HPD2
1513	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp064916.exe	MO000960JXBFA	HPD2	HPD2
1514	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp064916.exe	MO001920JXBFT	HPD2	HPD2
1515	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp064916.exe	MO003840JXBFU	HPD2	HPD2
1516	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp064916.exe	EO000400JXBEU	HPD2	HPD2
1517	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp064916.exe	EO000800JXBFL	HPD2	HPD2
1518	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV,	cp064916.exe	EO001600JXBFN	HPD2	HPD2

	MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives				
1519	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp064916.exe	MO015360JXBFV	HPD2	HPD2
1520	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp064916.exe	MO007680JXBGA	HPD2	HPD2
1521	Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	cp065065.exe	VO006400JWZJT	HPD5 (C)	HPD5
1522	Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	cp065065.exe	VO003200JWZJR	HPD5 (C)	HPD5
1523	Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	cp065065.exe	VO001600JWZJQ	HPD5 (C)	HPD5
1524	Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	cp065065.exe	VO000800JWZJP	HPD5 (C)	HPD5
1525	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	cp065076.exe	VO007680JWTBP	HPDB (C)	HPDB
1526	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	cp065076.exe	MO006400JWTCD	HPDB (C)	HPDB
1527	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	cp065076.exe	VO003840JWTBN	HPDB (C)	HPDB
1528	Online HDD/SSD Flash Component for	cp065076.exe	MO003200JWTBU	HPDB (C)	HPDB

	Windows (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives				
1529	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	cp065076.exe	EO003200JWTCC	HPDB (C)	HPDB
1530	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	cp065076.exe	VO001920JWTBL	HPDB (C)	HPDB
1531	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	cp065076.exe	MO001600JWTBT	HPDB (C)	HPDB
1532	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	cp065076.exe	EO001600JWTCB	HPDB (C)	HPDB
1533	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	cp065076.exe	VO000960JWTBK	HPDB (C)	HPDB
1534	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	cp065076.exe	MO000800JWTBR	HPDB (C)	HPDB
1535	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ,	cp065076.exe	EO000800JWTCA	HPDB (C)	HPDB

	MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives				
1536	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	cp065076.exe	MO000400JWTBQ	HPDB (C)	HPDB
1537	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	cp065076.exe	EO000400JWTBV	HPDB (C)	HPDB
1538	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives	cp065076.exe	MO001920JWWWV	HPDB (C)	HPDB
1539	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp065070.exe	VO015360JWZJN	HPD5 (C)	HPD5
1540	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp065070.exe	VO007680JWZJL	HPD5 (C)	HPD5
1541	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp065070.exe	VO003840JWZJK	HPD5 (C)	HPD5
1542	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp065070.exe	VO001920JWZJH	HPD5 (C)	HPD5
1543	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp065070.exe	VO000960JWZJF	HPD5 (C)	HPD5
1544	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp065077.exe	VO007680RWUFC	HPD8 (C)	HPD8
1545	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB,	cp065077.exe	VO003840RWUFF	HPD8 (C)	HPD8

	VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives				
1546	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp065077.exe	VO003840RWUFB	HPD8 (C)	HPD8
1547	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp065077.exe	VO001920RWUFE	HPD8 (C)	HPD8
1548	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp065077.exe	VO001920RWUFA	HPD8 (C)	HPD8
1549	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp065077.exe	VO000960RWUFD	HPD8 (C)	HPD8
1550	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp065077.exe	VO000960RWUEV	HPD8 (C)	HPD8
1551	Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	cp065042.exe	VO003840XZCLT	HPD3 (B)	HPD3
1552	Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	cp065042.exe	MO001600XZCLV	HPD3 (B)	HPD3
1553	Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	cp065042.exe	MO000800XZCLQ	HPD3 (B)	HPD3
1554	Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	cp065042.exe	VO007680XZCMB	HPD3 (B)	HPD3
1555	Universal Firmware Package for Drives - MB004000JWZVU	Toshiba_MG08Air_TAMG08SDAnD3.fwpkg	MB004000JWZVU	HPD3 (B)	HPD3
1556	Universal Firmware Package for Drives - MB006000JWZVQ and MB008000JWZVR	Toshiba_MG08Air_TAMG08SDAeD3.fwpkg	MB006000JWZVQ	HPD3 (B)	HPD3
1557	Universal Firmware Package for Drives - MB006000JWZVQ and MB008000JWZVR	Toshiba_MG08Air_TAMG08SDAeD3.fwpkg	MB008000JWZVR	HPD3 (B)	HPD3
1558	Universal Firmware Package for Drives - MB020000JXMVU	WDC_ParisD_WparisdASFD1.fwpkg	MB020000JXMVU	HPD1 (B)	HPD1
1559	Universal Firmware Package for Drives - MB12000JYESN, MB16000JYEVC, MB20000JYEVD	Seagate_Summit_SUMMITSUSND1.fwpkg	MB12000JYESN	HPD1 (B)	HPD1
1560	Universal Firmware Package for Drives - MB12000JYESN, MB16000JYEVC, MB20000JYEVD	Seagate_Summit_SUMMITSUSND1.fwpkg	MB16000JYEVC	HPD1 (B)	HPD1
1561	Universal Firmware Package for Drives	Seagate_Summit_SUM	MB20000JYEVD	HPD1 (B)	HPD1

	- MB12000JYESN, MB16000JYEVC, MB20000JYEVD	MITSUSND1.fwpkg			
1562	Universal Firmware Package for Drives - MB24000JYEVE	Seagate_Summit_SUM MITSUSSD1.fwpkg	MB24000JYEVE	HPD1 (B)	HPD1
1563	Universal Firmware Package for Drives - MO000960RXKRC, MO001920RXKRH, MO003840RXKRK, VO000960RXKRB, VO001920RXKRD and VO003840RXKRE	Seagate_LangeBP_SLNG BPHPESD5.fwpkg	MO000960RXKRC	HPD5 (B)	HPD5
1564	Universal Firmware Package for Drives - MO000960RXKRC, MO001920RXKRH, MO003840RXKRK, VO000960RXKRB, VO001920RXKRD and VO003840RXKRE	Seagate_LangeBP_SLNG BPHPESD5.fwpkg	MO001920RXKRH	HPD5 (B)	HPD5
1565	Universal Firmware Package for Drives - MO000960RXKRC, MO001920RXKRH, MO003840RXKRK, VO000960RXKRB, VO001920RXKRD and VO003840RXKRE	Seagate_LangeBP_SLNG BPHPESD5.fwpkg	MO003840RXKRK	HPD5 (B)	HPD5
1566	Universal Firmware Package for Drives - MO000960RXKRC, MO001920RXKRH, MO003840RXKRK, VO000960RXKRB, VO001920RXKRD and VO003840RXKRE	Seagate_LangeBP_SLNG BPHPESD5.fwpkg	VO000960RXKRB	HPD5 (B)	HPD5
1567	Universal Firmware Package for Drives - MO000960RXKRC, MO001920RXKRH, MO003840RXKRK, VO000960RXKRB, VO001920RXKRD and VO003840RXKRE	Seagate_LangeBP_SLNG BPHPESD5.fwpkg	VO001920RXKRD	HPD5 (B)	HPD5
1568	Universal Firmware Package for Drives - MO000960RXKRC, MO001920RXKRH, MO003840RXKRK, VO000960RXKRB, VO001920RXKRD and VO003840RXKRE	Seagate_LangeBP_SLNG BPHPESD5.fwpkg	VO003840RXKRE	HPD5 (B)	HPD5
1569	Universal Firmware Package for Drives - MO000960RXRQK, MO001920RXRRH, MO003840RXRRK, VO000960RXRQL, VO001920RXRRL, VO003840RXRRN and VO007680RYEWD	Seagate_Cooper_SCOO PRHPESD4.fwpkg	MO000960RXRQK	HPD4 (B)	HPD4
1570	Universal Firmware Package for Drives - MO000960RXRQK, MO001920RXRRH, MO003840RXRRK, VO000960RXRQL, VO001920RXRRL, VO003840RXRRN and VO007680RYEWD	Seagate_Cooper_SCOO PRHPESD4.fwpkg	MO001920RXRRH	HPD4 (B)	HPD4
1571	Universal Firmware Package for Drives - MO000960RXRQK, MO001920RXRRH, MO003840RXRRK, VO000960RXRQL, VO001920RXRRL, VO003840RXRRN and VO007680RYEWD	Seagate_Cooper_SCOO PRHPESD4.fwpkg	MO003840RXRRK	HPD4 (B)	HPD4
1572	Universal Firmware Package for Drives - MO000960RXRQK, MO001920RXRRH, MO003840RXRRK, VO000960RXRQL, VO001920RXRRL, VO003840RXRRN and VO007680RYEWD	Seagate_Cooper_SCOO PRHPESD4.fwpkg	VO000960RXRQL	HPD4 (B)	HPD4
1573	Universal Firmware Package for Drives - MO000960RXRQK, MO001920RXRRH, MO003840RXRRK, VO000960RXRQL, VO001920RXRRL, VO003840RXRRN and VO007680RYEWD	Seagate_Cooper_SCOO PRHPESD4.fwpkg	VO001920RXRRL	HPD4 (B)	HPD4
1574	Universal Firmware Package for Drives - MO000960RXRQK,	Seagate_Cooper_SCOO PRHPESD4.fwpkg	VO003840RXRRN	HPD4 (B)	HPD4

	MO001920RXRRH, MO003840RXRRK, VO000960RXRQL, VO001920RXRRL, VO003840RXRRN and VO007680RYEWD				
1575	Universal Firmware Package for Drives - MO000960RXRQK, MO001920RXRRH, MO003840RXRRK, VO000960RXRQL, VO001920RXRRL, VO003840RXRRN and VO007680RYEWD	Seagate_Cooper_SCOOPRHPESD4.fwpkg	VO007680RYEWD	HPD4 (B)	HPD4
1576	Universal Firmware Package for Drives - MO001600PXMTN, MO003200PXMTV, MO006400PXMUA, VO001920PXMTL, VO003840PXMTR, VO007680PXMTT and VO015360PXMTU	Kioxia_PM7_KAPM7ALSHPD2.fwpkg	VO015360PXMTU	HPD2 (B)	HPD2
1577	Universal Firmware Package for Drives - MO001600PXMTN, MO003200PXMTV, MO006400PXMUA, VO001920PXMTL, VO003840PXMTR, VO007680PXMTT and VO015360PXMTU	Kioxia_PM7_KAPM7ALSHPD2.fwpkg	VO007680PXMTT	HPD2 (B)	HPD2
1578	Universal Firmware Package for Drives - MO001600PXMTN, MO003200PXMTV, MO006400PXMUA, VO001920PXMTL, VO003840PXMTR, VO007680PXMTT and VO015360PXMTU	Kioxia_PM7_KAPM7ALSHPD2.fwpkg	VO003840PXMTR	HPD2 (B)	HPD2
1579	Universal Firmware Package for Drives - MO001600PXMTN, MO003200PXMTV, MO006400PXMUA, VO001920PXMTL, VO003840PXMTR, VO007680PXMTT and VO015360PXMTU	Kioxia_PM7_KAPM7ALSHPD2.fwpkg	VO001920PXMTL	HPD2 (B)	HPD2
1580	Universal Firmware Package for Drives - MO001600PXMTN, MO003200PXMTV, MO006400PXMUA, VO001920PXMTL, VO003840PXMTR, VO007680PXMTT and VO015360PXMTU	Kioxia_PM7_KAPM7ALSHPD2.fwpkg	MO006400PXMUA	HPD2 (B)	HPD2
1581	Universal Firmware Package for Drives - MO001600PXMTN, MO003200PXMTV, MO006400PXMUA, VO001920PXMTL, VO003840PXMTR, VO007680PXMTT and VO015360PXMTU	Kioxia_PM7_KAPM7ALSHPD2.fwpkg	MO003200PXMTV	HPD2 (B)	HPD2
1582	Universal Firmware Package for Drives - MO001600PXMTN, MO003200PXMTV, MO006400PXMUA, VO001920PXMTL, VO003840PXMTR, VO007680PXMTT and VO015360PXMTU	Kioxia_PM7_KAPM7ALSHPD2.fwpkg	MO001600PXMTN	HPD2 (B)	HPD2
1583	Universal Firmware Package for Drives - MO001600PZWSH, MO003200PZWSK, MO000800PZWSF and MO006400PZXFA	Samsung_PM165X_GPM1655SAMD3.fwpkg	MO001600PZWSH	HPD3 (B)	HPD3
1584	Universal Firmware Package for Drives - MO001600PZWSH, MO003200PZWSK, MO000800PZWSF and MO006400PZXFA	Samsung_PM165X_GPM1655SAMD3.fwpkg	MO003200PZWSK	HPD3 (B)	HPD3
1585	Universal Firmware Package for Drives - MO001600PZWSH, MO003200PZWSK, MO000800PZWSF and MO006400PZXFA	Samsung_PM165X_GPM1655SAMD3.fwpkg	MO000800PZWSF	HPD3 (B)	HPD3
1586	Universal Firmware Package for Drives - MO001600PZWSH,	Samsung_PM165X_GPM1655SAMD3.fwpkg	MO006400PZXFA	HPD3 (B)	HPD3

	MO003200PZWSK, MO000800PZWSF and MO006400PZXFA				
1587	Universal Firmware Package for Drives - VO000960PZWSL, VO001920PZWSN, VO003840PZWSP, VO007680PZXFB and VO015360PZXEU	Samsung_PM165X_GPM1653SAMD3.fwpkg	VO000960PZWSL	HPD3 (B)	HPD3
1588	Universal Firmware Package for Drives - VO000960PZWSL, VO001920PZWSN, VO003840PZWSP, VO007680PZXFB and VO015360PZXEU	Samsung_PM165X_GPM1653SAMD3.fwpkg	VO001920PZWSN	HPD3 (B)	HPD3
1589	Universal Firmware Package for Drives - VO000960PZWSL, VO001920PZWSN, VO003840PZWSP, VO007680PZXFB and VO015360PZXEU	Samsung_PM165X_GPM1653SAMD3.fwpkg	VO003840PZWSP	HPD3 (B)	HPD3
1590	Universal Firmware Package for Drives - VO000960PZWSL, VO001920PZWSN, VO003840PZWSP, VO007680PZXFB and VO015360PZXEU	Samsung_PM165X_GPM1653SAMD3.fwpkg	VO007680PZXFB	HPD3 (B)	HPD3
1591	Universal Firmware Package for Drives - VO000960PZWSL, VO001920PZWSN, VO003840PZWSP, VO007680PZXFB and VO015360PZXEU	Samsung_PM165X_GPM1653SAMD3.fwpkg	VO015360PZXEU	HPD3 (B)	HPD3
1592	Universal Firmware Package for Drives - VO000960RZWUP, VO000960RZWUQ, VO001920RZWUR, VO001920RZWUV, VO003840RZWUT, VO003840RZWVA and VO007680RZWUU	Kioxia_RM6_KARM6ALSHPD1.fwpkg	VO000960RZWUP	HPD1 (B)	HPD1
1593	Universal Firmware Package for Drives - VO000960RZWUP, VO000960RZWUQ, VO001920RZWUR, VO001920RZWUV, VO003840RZWUT, VO003840RZWVA and VO007680RZWUU	Kioxia_RM6_KARM6ALSHPD1.fwpkg	VO000960RZWUQ	HPD1 (B)	HPD1
1594	Universal Firmware Package for Drives - VO000960RZWUP, VO000960RZWUQ, VO001920RZWUR, VO001920RZWUV, VO003840RZWUT, VO003840RZWVA and VO007680RZWUU	Kioxia_RM6_KARM6ALSHPD1.fwpkg	VO001920RZWUR	HPD1 (B)	HPD1
1595	Universal Firmware Package for Drives - VO000960RZWUP, VO000960RZWUQ, VO001920RZWUR, VO001920RZWUV, VO003840RZWUT, VO003840RZWVA and VO007680RZWUU	Kioxia_RM6_KARM6ALSHPD1.fwpkg	VO001920RZWUV	HPD1 (B)	HPD1
1596	Universal Firmware Package for Drives - VO000960RZWUP, VO000960RZWUQ, VO001920RZWUR, VO001920RZWUV, VO003840RZWUT, VO003840RZWVA and VO007680RZWUU	Kioxia_RM6_KARM6ALSHPD1.fwpkg	VO003840RZWUT	HPD1 (B)	HPD1
1597	Universal Firmware Package for Drives - VO000960RZWUP, VO000960RZWUQ, VO001920RZWUR, VO001920RZWUV, VO003840RZWUT, VO003840RZWVA and VO007680RZWUU	Kioxia_RM6_KARM6ALSHPD1.fwpkg	VO003840RZWVA	HPD1 (B)	HPD1
1598	Universal Firmware Package for Drives - VO000960RZWUP, VO000960RZWUQ, VO001920RZWUR, VO001920RZWUV, VO003840RZWUT, VO003840RZWVA and VO007680RZWUU	Kioxia_RM6_KARM6ALSHPD1.fwpkg	VO007680RZWUU	HPD1 (B)	HPD1

6.2.14 Firmware - SATA Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
1599	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWCBC and MB002000GWCBD Drives	firmware-hdd-68b12e54d2-HPG6-12.1.x86_64.rpm	MB001000GWCBC	HPG6 (L)	HPG6
1600	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWCBC and MB002000GWCBD Drives	firmware-hdd-68b12e54d2-HPG6-12.1.x86_64.rpm	MB002000GWCBD	HPG6 (L)	HPG6
1601	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWFWK and MB002000GWFWL Drives	firmware-hdd-bfc4af697b-HPG6-12.1.x86_64.rpm	MB001000GWFWK	HPG6 (L)	HPG6
1602	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWFWK and MB002000GWFWL Drives	firmware-hdd-bfc4af697b-HPG6-12.1.x86_64.rpm	MB002000GWFWL	HPG6 (L)	HPG6
1603	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives	firmware-hdd-d39e7a7e75-HPG1-13.1.x86_64.rpm	MB004000GWFWB	HPG1 (M)	HPG1
1604	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives	firmware-hdd-d39e7a7e75-HPG1-13.1.x86_64.rpm	MB002000GWFWA	HPG1 (M)	HPG1
1605	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives	firmware-hdd-d39e7a7e75-HPG1-13.1.x86_64.rpm	MB001000GWJAN	HPG1 (M)	HPG1
1606	Online HDD/SSD Flash Component for Linux (x64) - MB004000GWKGV Drive	firmware-hdd-ca21e169e2-HPG1-12.1.x86_64.rpm	MB004000GWKGV	HPG1 (L)	HPG1
1607	Online HDD/SSD Flash Component for Linux (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	firmware-hdd-12304c1aca-HPG6-4.1.x86_64.rpm	MB004000GWWQH	HPG6 (D)	HPG6
1608	Online HDD/SSD Flash Component for Linux (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	firmware-hdd-12304c1aca-HPG6-4.1.x86_64.rpm	MB002000GWWQF	HPG6 (D)	HPG6
1609	Online HDD/SSD Flash Component for Linux (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	firmware-hdd-12304c1aca-HPG6-4.1.x86_64.rpm	MB001000GWWQE	HPG6 (D)	HPG6
1610	Online HDD/SSD Flash Component for Linux (x64) - MB006000GWJRR and MB008000GWJRT Drives	firmware-hdd-c993b31232-HPG6-5.1.x86_64.rpm	MB008000GWJRT	HPG6 (E)	HPG6
1611	Online HDD/SSD Flash Component for Linux (x64) - MB006000GWJRR and MB008000GWJRT Drives	firmware-hdd-c993b31232-HPG6-5.1.x86_64.rpm	MB006000GWJRR	HPG6 (E)	HPG6
1612	Online HDD/SSD Flash Component for Linux (x64) - MB006000GWKGR Drive	firmware-hdd-7f2a26e6d0-HPG1-12.1.x86_64.rpm	MB006000GWKGR	HPG1 (L)	HPG1
1613	Online HDD/SSD Flash Component for Linux (x64) - MB008000GWRTC Drive	firmware-hdd-82894b9e0a-HPG1-12.1.x86_64.rpm	MB008000GWRTC	HPG1 (L)	HPG1
1614	Online HDD/SSD Flash Component for Linux (x64) - MB008000GWWQU and MB006000GWWQT Drives	firmware-hdd-18e328f036-HPG8-4.1.x86_64.rpm	MB008000GWWQU	HPG8 (D)	HPG8
1615	Online HDD/SSD Flash Component for Linux (x64) - MB008000GWWQU and MB006000GWWQT Drives	firmware-hdd-18e328f036-HPG8-4.1.x86_64.rpm	MB006000GWWQT	HPG8 (D)	HPG8
1616	Online HDD/SSD Flash Component for Linux (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	firmware-hdd-7a1edae8e7-HPG1-6.1.x86_64.rpm	MB010000GWZGT	HPG1 (F)	HPG1

1617	Online HDD/SSD Flash Component for Linux (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	firmware-hdd-7a1edae8e7-HPG1-6.1.x86_64.rpm	MB012000GWZGU	HPG1 (F)	HPG1
1618	Online HDD/SSD Flash Component for Linux (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	firmware-hdd-7a1edae8e7-HPG1-6.1.x86_64.rpm	MB014000GWZGV	HPG1 (F)	HPG1
1619	Online HDD/SSD Flash Component for Linux (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	firmware-hdd-7a1edae8e7-HPG1-6.1.x86_64.rpm	MB016000GWZHD	HPG1 (F)	HPG1
1620	Online HDD/SSD Flash Component for Linux (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	firmware-hdd-4fbb6d96e5-HPG2-3.1.x86_64.rpm	MB010000GYDKP	HPG2 (C)	HPG2
1621	Online HDD/SSD Flash Component for Linux (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	firmware-hdd-4fbb6d96e5-HPG2-3.1.x86_64.rpm	MB016000GYDKQ	HPG2 (C)	HPG2
1622	Online HDD/SSD Flash Component for Linux (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	firmware-hdd-4fbb6d96e5-HPG2-3.1.x86_64.rpm	MB018000GYDKR	HPG2 (C)	HPG2
1623	Online HDD/SSD Flash Component for Linux (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	firmware-hdd-4fbb6d96e5-HPG2-3.1.x86_64.rpm	MB012000GYCJL	HPG2 (C)	HPG2
1624	Online HDD/SSD Flash Component for Linux (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	firmware-hdd-4fbb6d96e5-HPG2-3.1.x86_64.rpm	MB014000GYCJT	HPG2 (C)	HPG2
1625	Online HDD/SSD Flash Component for Linux (x64) - MB012000GWDFE Drive	firmware-hdd-059b8654a6-HPG5-3.1.x86_64.rpm	MB012000GWDFE	HPG5 (C)	HPG5
1626	Online HDD/SSD Flash Component for Linux (x64) - MB012000GWTFE and MB014000GWTFF Drives	firmware-hdd-b78255e146-HPG8-5.1.x86_64.rpm	MB014000GWTFF	HPG8 (E)	HPG8
1627	Online HDD/SSD Flash Component for Linux (x64) - MB012000GWTFE and MB014000GWTFF Drives	firmware-hdd-b78255e146-HPG8-5.1.x86_64.rpm	MB012000GWTFE	HPG8 (E)	HPG8
1628	Online HDD/SSD Flash Component for Linux (x64) - MB012000GZYVT, MB014000GZYVU, MB016000GZYVV and MB018000GYCLL Drives	firmware-hdd-e0171a2936-HPG4-3.1.x86_64.rpm	MB012000GZYVT	HPG4 (C)	HPG4
1629	Online HDD/SSD Flash Component for Linux (x64) - MB012000GZYVT, MB014000GZYVU, MB016000GZYVV and MB018000GYCLL Drives	firmware-hdd-e0171a2936-HPG4-3.1.x86_64.rpm	MB014000GZYVU	HPG4 (C)	HPG4
1630	Online HDD/SSD Flash Component for Linux (x64) - MB012000GZYVT, MB014000GZYVU, MB016000GZYVV and MB018000GYCLL Drives	firmware-hdd-e0171a2936-HPG4-3.1.x86_64.rpm	MB016000GZYVV	HPG4 (C)	HPG4
1631	Online HDD/SSD Flash Component for Linux (x64) - MB012000GZYVT, MB014000GZYVU, MB016000GZYVV and MB018000GYCLL Drives	firmware-hdd-e0171a2936-HPG4-3.1.x86_64.rpm	MB018000GYCLL	HPG4 (C)	HPG4
1632	Online HDD/SSD Flash Component for	firmware-hdd-	MB014000GWRTN	HPG2 (L)	HPG2

	Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	6b7ce3da0e-HPG2-12.1.x86_64.rpm			
1633	Online HDD/SSD Flash Component for Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	firmware-hdd-6b7ce3da0e-HPG2-12.1.x86_64.rpm	MB012000GWRTL	HPG2 (L)	HPG2
1634	Online HDD/SSD Flash Component for Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	firmware-hdd-6b7ce3da0e-HPG2-12.1.x86_64.rpm	MB010000GWRTK	HPG2 (L)	HPG2
1635	Online HDD/SSD Flash Component for Linux (x64) - MB014000GWUDA Drive	firmware-hdd-41cdb1c9da-HPG3-3.1.x86_64.rpm	MB014000GWUDA	HPG3 (C)	HPG3
1636	Online HDD/SSD Flash Component for Linux (x64) - MB016000GWXKK Drive	firmware-hdd-e4f147cdd2-HPG4-4.1.x86_64.rpm	MB016000GWXKK	HPG4 (D)	HPG4
1637	Online HDD/SSD Flash Component for Linux (x64) - MB018000GXMTK and MB020000GXMTQ Drives	firmware-hdd-3496cc4743-HPG3-1.1.x86_64.rpm	MB020000GXMTQ	HPG3	HPG3
1638	Online HDD/SSD Flash Component for Linux (x64) - MB018000GXMTK and MB020000GXMTQ Drives	firmware-hdd-3496cc4743-HPG3-1.1.x86_64.rpm	MB018000GXMTK	HPG3	HPG3
1639	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	firmware-hdd-8e1e8083c5-HPG3-4.1.x86_64.rpm	MK003840GWXFL	HPG3 (D)	HPG3
1640	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	firmware-hdd-8e1e8083c5-HPG3-4.1.x86_64.rpm	MK001920GWXFK	HPG3 (D)	HPG3
1641	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	firmware-hdd-8e1e8083c5-HPG3-4.1.x86_64.rpm	MK000960GWXFH	HPG3 (D)	HPG3
1642	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	firmware-hdd-8e1e8083c5-HPG3-4.1.x86_64.rpm	MK000480GWXFF	HPG3 (D)	HPG3
1643	Online HDD/SSD Flash Component for Linux (x64) - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives	firmware-hdd-9475583fb5-HPG1-4.1.x86_64.rpm	MK000480GZXRA	HPG1 (D)	HPG1
1644	Online HDD/SSD Flash Component for Linux (x64) - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives	firmware-hdd-9475583fb5-HPG1-4.1.x86_64.rpm	MK001920GZXRC	HPG1 (D)	HPG1
1645	Online HDD/SSD Flash Component for Linux (x64) - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives	firmware-hdd-9475583fb5-HPG1-4.1.x86_64.rpm	MK000960GZXRB	HPG1 (D)	HPG1
1646	Online HDD/SSD Flash Component for Linux (x64) - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives	firmware-hdd-9475583fb5-HPG1-4.1.x86_64.rpm	MK003840GZXRV	HPG1 (D)	HPG1
1647	Online HDD/SSD Flash Component for Linux (x64) - MM1000GFJTE Drive	firmware-hdd-95af9a555e-HPG6-5.1.x86_64.rpm	MM1000GFJTE	HPG6 (E)	HPG6
1648	Online HDD/SSD Flash Component for Linux (x64) - MM2000GEFRA Drive	firmware-hdd-ec908c3650-HPG9-5.1.x86_64.rpm	MM2000GEFRA	HPG9 (E)	HPG9
1649	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK,	firmware-hdd-aef2a690c9-HPG5-11.1.x86_64.rpm	MK001920GWJPQ	HPG5 (K)	HPG5

	MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives				
1650	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-11.1.x86_64.rpm	VK001920GWJPH	HPG5 (K)	HPG5
1651	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-11.1.x86_64.rpm	MK000240GWKVK	HPG5 (K)	HPG5
1652	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-11.1.x86_64.rpm	VK000240GWJPD	HPG5 (K)	HPG5
1653	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-11.1.x86_64.rpm	VK003840GWJPK	HPG5 (K)	HPG5
1654	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-11.1.x86_64.rpm	MK000480GWJPN	HPG5 (K)	HPG5
1655	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-11.1.x86_64.rpm	VK000480GWJPE	HPG5 (K)	HPG5
1656	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-11.1.x86_64.rpm	MK000960GWJPP	HPG5 (K)	HPG5
1657	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-11.1.x86_64.rpm	VK000960GWJPF	HPG5 (K)	HPG5
1658	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG7-4.1.x86_64.rpm	VK003840GWTTD	HPG7 (D)	HPG7
1659	Online HDD/SSD Flash Component for	firmware-hdd-	MK003840GWTTN	HPG7 (D)	HPG7

	Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	c566d63ca0-HPG7-4.1.x86_64.rpm			
1660	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG7-4.1.x86_64.rpm	VK001920GWTTC	HPG7 (D)	HPG7
1661	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG7-4.1.x86_64.rpm	MK001920GWTTL	HPG7 (D)	HPG7
1662	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG7-4.1.x86_64.rpm	VK000960GWTTB	HPG7 (D)	HPG7
1663	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG7-4.1.x86_64.rpm	MK000960GWTTK	HPG7 (D)	HPG7
1664	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG7-4.1.x86_64.rpm	VK000480GWTTA	HPG7 (D)	HPG7
1665	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG7-4.1.x86_64.rpm	MK000480GWTTH	HPG7 (D)	HPG7
1666	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG7-4.1.x86_64.rpm	VK000240GWTSV	HPG7 (D)	HPG7
1667	Online HDD/SSD Flash Component for Linux (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	firmware-hdd-abd133f0de-HPG1-4.1.x86_64.rpm	VK001920GZXQV	HPG1 (D)	HPG1
1668	Online HDD/SSD Flash Component for Linux (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	firmware-hdd-abd133f0de-HPG1-4.1.x86_64.rpm	VK003840GZXRH	HPG1 (D)	HPG1
1669	Online HDD/SSD Flash Component for	firmware-hdd-	VK007680GZXRT	HPG1 (D)	HPG1

	Linux (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	abd133f0de-HPG1-4.1.x86_64.rpm			
1670	Online HDD/SSD Flash Component for Linux (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	firmware-hdd-abd133f0de-HPG1-4.1.x86_64.rpm	VK000960GZXQU	HPG1 (D)	HPG1
1671	Online HDD/SSD Flash Component for Linux (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	firmware-hdd-abd133f0de-HPG1-4.1.x86_64.rpm	VK000480GZXRF	HPG1 (D)	HPG1
1672	Online HDD/SSD Flash Component for Linux (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	firmware-hdd-abd133f0de-HPG1-4.1.x86_64.rpm	VK000240GZXRU	HPG1 (D)	HPG1
1673	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd-492a9952f6-HPG5-2.1.x86_64.rpm	VK003840GWTHD	HPG5 (B)	HPG5
1674	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd-492a9952f6-HPG5-2.1.x86_64.rpm	VK001920GWTHC	HPG5 (B)	HPG5
1675	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd-492a9952f6-HPG5-2.1.x86_64.rpm	VK000960GWTHB	HPG5 (B)	HPG5
1676	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd-492a9952f6-HPG5-2.1.x86_64.rpm	VK000480GWTHA	HPG5 (B)	HPG5
1677	Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	firmware-hdd-befd42bd64-HPG3-4.1.x86_64.rpm	VK000480GZCNE	HPG3 (D)	HPG3
1678	Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	firmware-hdd-befd42bd64-HPG3-4.1.x86_64.rpm	VK000960GZCNF	HPG3 (D)	HPG3
1679	Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	firmware-hdd-befd42bd64-HPG3-4.1.x86_64.rpm	VK001920GZCNH	HPG3 (D)	HPG3
1680	Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	firmware-hdd-befd42bd64-HPG3-4.1.x86_64.rpm	VK003840GZCNK	HPG3 (D)	HPG3
1681	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWCBC and MB002000GWCBD Drives	CP065938.zip	MB001000GWCBC	HPG6 (J)	HPG6
1682	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWCBC and MB002000GWCBD Drives	CP065938.zip	MB002000GWCBD	HPG6 (J)	HPG6
1683	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWFWK and MB002000GWFWL Drives	CP065937.zip	MB001000GWFWK	HPG6 (K)	HPG6
1684	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWFWK and MB002000GWFWL Drives	CP065937.zip	MB002000GWFWL	HPG6 (K)	HPG6
1685	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWJAN, MB002000GWFWA and	CP065995.zip	MB004000GWFWB	HPG1 (K)	HPG1

	MB004000GWFWB Drives				
1686	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives	CP065995.zip	MB002000GWFWA	HPG1 (K)	HPG1
1687	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives	CP065995.zip	MB001000GWJAN	HPG1 (K)	HPG1
1688	Online HDD/SSD Flash Component for VMware ESXi - MB004000GWKGV Drive	CP065987.zip	MB004000GWKGV	HPG1 (K)	HPG1
1689	Online HDD/SSD Flash Component for VMware ESXi - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	CP066007.zip	MB004000GWWQH	HPG6 (C)	HPG6
1690	Online HDD/SSD Flash Component for VMware ESXi - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	CP066007.zip	MB002000GWWQF	HPG6 (C)	HPG6
1691	Online HDD/SSD Flash Component for VMware ESXi - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	CP066007.zip	MB001000GWWQE	HPG6 (C)	HPG6
1692	Online HDD/SSD Flash Component for VMware ESXi - MB006000GWJRR and MB008000GWJRT Drives	CP066013.zip	MB008000GWJRT	HPG6 (C)	HPG6
1693	Online HDD/SSD Flash Component for VMware ESXi - MB006000GWJRR and MB008000GWJRT Drives	CP066013.zip	MB006000GWJRR	HPG6 (C)	HPG6
1694	Online HDD/SSD Flash Component for VMware ESXi - MB006000GWKGR Drive	CP065934.zip	MB006000GWKGR	HPG1 (K)	HPG1
1695	Online HDD/SSD Flash Component for VMware ESXi - MB008000GWRTC Drive	CP065990.zip	MB008000GWRTC	HPG1 (K)	HPG1
1696	Online HDD/SSD Flash Component for VMware ESXi - MB008000GWWQU and MB006000GWWQT Drives	CP066006.zip	MB008000GWWQU	HPG8 (C)	HPG8
1697	Online HDD/SSD Flash Component for VMware ESXi - MB008000GWWQU and MB006000GWWQT Drives	CP066006.zip	MB006000GWWQT	HPG8 (C)	HPG8
1698	Online HDD/SSD Flash Component for VMware ESXi - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	CP065964.zip	MB010000GWZGT	HPG1 (E)	HPG1
1699	Online HDD/SSD Flash Component for VMware ESXi - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	CP065964.zip	MB012000GWZGU	HPG1 (E)	HPG1
1700	Online HDD/SSD Flash Component for VMware ESXi - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	CP065964.zip	MB014000GWZGV	HPG1 (E)	HPG1
1701	Online HDD/SSD Flash Component for VMware ESXi - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	CP065964.zip	MB016000GWZHD	HPG1 (E)	HPG1
1702	Online HDD/SSD Flash Component for VMware ESXi - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and	CP065972.zip	MB010000GYDKP	HPG2 (C)	HPG2

	MB018000GYDKR Drives				
1703	Online HDD/SSD Flash Component for VMware ESXi - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	CP065972.zip	MB016000GYDKQ	HPG2 (C)	HPG2
1704	Online HDD/SSD Flash Component for VMware ESXi - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	CP065972.zip	MB018000GYDKR	HPG2 (C)	HPG2
1705	Online HDD/SSD Flash Component for VMware ESXi - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	CP065972.zip	MB012000GYCJL	HPG2 (C)	HPG2
1706	Online HDD/SSD Flash Component for VMware ESXi - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	CP065972.zip	MB014000GYCJT	HPG2 (C)	HPG2
1707	Online HDD/SSD Flash Component for VMware ESXi - MB012000GWDFE Drive	CP065936.zip	MB012000GWDFE	HPG5 (C)	HPG5
1708	Online HDD/SSD Flash Component for VMware ESXi - MB012000GWTFE and MB014000GWTFF Drives	CP065997.zip	MB014000GWTFF	HPG8 (C)	HPG8
1709	Online HDD/SSD Flash Component for VMware ESXi - MB012000GWTFE and MB014000GWTFF Drives	CP065997.zip	MB012000GWTFE	HPG8 (C)	HPG8
1710	Online HDD/SSD Flash Component for VMware ESXi - MB012000GZYVT, MB014000GZYVU, MB016000GZYVV and MB018000GYCLL Drives	CP065980.zip	MB012000GZYVT	HPG4 (C)	HPG4
1711	Online HDD/SSD Flash Component for VMware ESXi - MB012000GZYVT, MB014000GZYVU, MB016000GZYVV and MB018000GYCLL Drives	CP065980.zip	MB014000GZYVU	HPG4 (C)	HPG4
1712	Online HDD/SSD Flash Component for VMware ESXi - MB012000GZYVT, MB014000GZYVU, MB016000GZYVV and MB018000GYCLL Drives	CP065980.zip	MB016000GZYVV	HPG4 (C)	HPG4
1713	Online HDD/SSD Flash Component for VMware ESXi - MB012000GZYVT, MB014000GZYVU, MB016000GZYVV and MB018000GYCLL Drives	CP065980.zip	MB018000GYCLL	HPG4 (C)	HPG4
1714	Online HDD/SSD Flash Component for VMware ESXi - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	CP066011.zip	MB014000GWRTN	HPG2 (J)	HPG2
1715	Online HDD/SSD Flash Component for VMware ESXi - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	CP066011.zip	MB012000GWRTL	HPG2 (J)	HPG2
1716	Online HDD/SSD Flash Component for VMware ESXi - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	CP066011.zip	MB010000GWRTK	HPG2 (J)	HPG2
1717	Online HDD/SSD Flash Component for VMware ESXi - MB014000GWUDA Drive	CP065991.zip	MB014000GWUDA	HPG3 (C)	HPG3
1718	Online HDD/SSD Flash Component for VMware ESXi - MB016000GWXKK Drive	CP065948.zip	MB016000GWXKK	HPG4 (C)	HPG4
1719	Online HDD/SSD Flash Component for VMware ESXi - MB018000GXMTK and	CP065977.zip	MB020000GXMTQ	HPG3 (B)	HPG3

	MB020000GXMTQ Drives				
1720	Online HDD/SSD Flash Component for VMware ESXi - MB018000GXMTK and MB020000GXMTQ Drives	CP065977.zip	MB018000GXMTK	HPG3 (B)	HPG3
1721	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	CP065978.zip	MK003840GWXFL	HPG3 (C)	HPG3
1722	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	CP065978.zip	MK001920GWXFK	HPG3 (C)	HPG3
1723	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	CP065978.zip	MK000960GWXFH	HPG3 (C)	HPG3
1724	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	CP065978.zip	MK000480GWXFF	HPG3 (C)	HPG3
1725	Online HDD/SSD Flash Component for VMware ESXi - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives.	CP065947.zip	MK000480GZXRA	HPG1 (C)	HPG1
1726	Online HDD/SSD Flash Component for VMware ESXi - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives.	CP065947.zip	MK001920GZXRC	HPG1 (C)	HPG1
1727	Online HDD/SSD Flash Component for VMware ESXi - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives.	CP065947.zip	MK000960GZXRB	HPG1 (C)	HPG1
1728	Online HDD/SSD Flash Component for VMware ESXi - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives.	CP065947.zip	MK003840GZXRV	HPG1 (C)	HPG1
1729	Online HDD/SSD Flash Component for VMware ESXi - MM1000GFJTE Drive	CP066002.zip	MM1000GFJTE	HPG6 (E)	HPG6
1730	Online HDD/SSD Flash Component for VMware ESXi - MM2000GEFRA Drive	CP066001.zip	MM2000GEFRA	HPG9 (E)	HPG9
1731	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP065971.zip	MK001920GWJPQ	HPG5 (J)	HPG5
1732	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP065971.zip	MK000240GWKVK	HPG5 (J)	HPG5
1733	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP065971.zip	MK000480GWJPN	HPG5 (J)	HPG5
1734	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK,	CP065971.zip	MK000960GWJPP	HPG5 (J)	HPG5

	MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives				
1735	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP065971.zip	VK003840GWJPK	HPG5 (J)	HPG5
1736	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP065971.zip	VK001920GWJPH	HPG5 (J)	HPG5
1737	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP065971.zip	VK000960GWJPF	HPG5 (J)	HPG5
1738	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP065971.zip	VK000480GWJPE	HPG5 (J)	HPG5
1739	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP065971.zip	VK000240GWJPD	HPG5 (J)	HPG5
1740	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP065970.zip	VK003840GWTTD	HPG7 (D)	HPG7
1741	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP065970.zip	MK003840GWTTN	HPG7 (D)	HPG7
1742	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP065970.zip	VK001920GWTTC	HPG7 (D)	HPG7
1743	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP065970.zip	MK001920GWTTL	HPG7 (D)	HPG7
1744	Online HDD/SSD Flash Component for	CP065970.zip	VK000960GWTTB	HPG7 (D)	HPG7

	VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives				
1745	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP065970.zip	MK000960GWTTK	HPG7 (D)	HPG7
1746	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP065970.zip	VK000480GWTTA	HPG7 (D)	HPG7
1747	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP065970.zip	MK000480GWTTH	HPG7 (D)	HPG7
1748	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP065970.zip	VK000240GWTSV	HPG7 (D)	HPG7
1749	Online HDD/SSD Flash Component for VMware ESXi - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives.	CP065949.zip	VK001920GZXQV	HPG1 (C)	HPG1
1750	Online HDD/SSD Flash Component for VMware ESXi - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives.	CP065949.zip	VK003840GZXRH	HPG1 (C)	HPG1
1751	Online HDD/SSD Flash Component for VMware ESXi - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives.	CP065949.zip	VK007680GZXRT	HPG1 (C)	HPG1
1752	Online HDD/SSD Flash Component for VMware ESXi - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives.	CP065949.zip	VK000960GZXQU	HPG1 (C)	HPG1
1753	Online HDD/SSD Flash Component for VMware ESXi - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives.	CP065949.zip	VK000480GZXRF	HPG1 (C)	HPG1
1754	Online HDD/SSD Flash Component for VMware ESXi - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives.	CP065949.zip	VK000240GZXRU	HPG1 (C)	HPG1
1755	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA,	CP066023.zip	VK003840GWTHD	HPG5 (C)	HPG5

	VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives				
1756	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	CP066023.zip	VK001920GWTHC	HPG5 (C)	HPG5
1757	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	CP066023.zip	VK000960GWTHB	HPG5 (C)	HPG5
1758	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	CP066023.zip	VK000480GWTHA	HPG5 (C)	HPG5
1759	Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	CP065982.zip	VK000480GZCNE	HPG3 (C)	HPG3
1760	Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	CP065982.zip	VK000960GZCNF	HPG3 (C)	HPG3
1761	Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	CP065982.zip	VK001920GZCNH	HPG3 (C)	HPG3
1762	Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	CP065982.zip	VK003840GZCNK	HPG3 (C)	HPG3
1763	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWCBC and MB002000GWCBD Drives	cp065096.exe	MB001000GWCBC	HPG6 (I)	HPG6
1764	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWCBC and MB002000GWCBD Drives	cp065096.exe	MB002000GWCBD	HPG6 (I)	HPG6
1765	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWFWK and MB002000GWFWL Drives	cp065095.exe	MB001000GWFWK	HPG6 (J)	HPG6
1766	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWFWK and MB002000GWFWL Drives	cp065095.exe	MB002000GWFWL	HPG6 (J)	HPG6
1767	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives	cp065066.exe	MB004000GWFWB	HPG1 (J)	HPG1
1768	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives	cp065066.exe	MB002000GWFWA	HPG1 (J)	HPG1
1769	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives	cp065066.exe	MB001000GWJAN	HPG1 (J)	HPG1
1770	Online HDD/SSD Flash Component for Windows (x64) - MB004000GWKGV Drive	cp065089.exe	MB004000GWKGV	HPG1 (J)	HPG1
1771	Online HDD/SSD Flash Component for Windows (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	cp065079.exe	MB004000GWWQH	HPG6 (C)	HPG6
1772	Online HDD/SSD Flash Component for Windows (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	cp065079.exe	MB002000GWWQF	HPG6 (C)	HPG6
1773	Online HDD/SSD Flash Component for	cp065079.exe	MB001000GWWQE	HPG6 (C)	HPG6

	Windows (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives				
1774	Online HDD/SSD Flash Component for Windows (x64) - MB006000GWJRR and MB008000GWJRT Drives	cp065034.exe	MB008000GWJRT	HPG6 (D)	HPG6
1775	Online HDD/SSD Flash Component for Windows (x64) - MB006000GWJRR and MB008000GWJRT Drives	cp065034.exe	MB006000GWJRR	HPG6 (D)	HPG6
1776	Online HDD/SSD Flash Component for Windows (x64) - MB006000GWKGR Drive	cp065090.exe	MB006000GWKGR	HPG1 (J)	HPG1
1777	Online HDD/SSD Flash Component for Windows (x64) - MB008000GWRTC Drive	cp065016.exe	MB008000GWRTC	HPG1 (J)	HPG1
1778	Online HDD/SSD Flash Component for Windows (x64) - MB008000GWWQU and MB006000GWWQT Drives	cp065067.exe	MB008000GWWQU	HPG8 (C)	HPG8
1779	Online HDD/SSD Flash Component for Windows (x64) - MB008000GWWQU and MB006000GWWQT Drives	cp065067.exe	MB006000GWWQT	HPG8 (C)	HPG8
1780	Online HDD/SSD Flash Component for Windows (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	cp065083.exe	MB010000GWZGT	HPG1 (E)	HPG1
1781	Online HDD/SSD Flash Component for Windows (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	cp065083.exe	MB012000GWZGU	HPG1 (E)	HPG1
1782	Online HDD/SSD Flash Component for Windows (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	cp065083.exe	MB014000GWZGV	HPG1 (E)	HPG1
1783	Online HDD/SSD Flash Component for Windows (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	cp065083.exe	MB016000GWZHD	HPG1 (E)	HPG1
1784	Online HDD/SSD Flash Component for Windows (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	cp065086.exe	MB010000GYDKP	HPG2 (C)	HPG2
1785	Online HDD/SSD Flash Component for Windows (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	cp065086.exe	MB016000GYDKQ	HPG2 (C)	HPG2
1786	Online HDD/SSD Flash Component for Windows (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	cp065086.exe	MB018000GYDKR	HPG2 (C)	HPG2
1787	Online HDD/SSD Flash Component for Windows (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	cp065086.exe	MB012000GYCJL	HPG2 (C)	HPG2
1788	Online HDD/SSD Flash Component for Windows (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	cp065086.exe	MB014000GYCJT	HPG2 (C)	HPG2

1789	Online HDD/SSD Flash Component for Windows (x64) - MB012000GWDFE Drive	cp065094.exe	MB012000GWDFE	HPG5 (C)	HPG5
1790	Online HDD/SSD Flash Component for Windows (x64) - MB012000GWTFE and MB014000GWTFF Drives	cp065069.exe	MB014000GWTFF	HPG8 (D)	HPG8
1791	Online HDD/SSD Flash Component for Windows (x64) - MB012000GWTFE and MB014000GWTFF Drives	cp065069.exe	MB012000GWTFE	HPG8 (D)	HPG8
1792	Online HDD/SSD Flash Component for Windows (x64) - MB012000GZYVT, MB014000GZYVU, MB016000GZYVV and MB018000GYCLL Drives	cp065022.exe	MB012000GZYVT	HPG4 (C)	HPG4
1793	Online HDD/SSD Flash Component for Windows (x64) - MB012000GZYVT, MB014000GZYVU, MB016000GZYVV and MB018000GYCLL Drives	cp065022.exe	MB014000GZYVU	HPG4 (C)	HPG4
1794	Online HDD/SSD Flash Component for Windows (x64) - MB012000GZYVT, MB014000GZYVU, MB016000GZYVV and MB018000GYCLL Drives	cp065022.exe	MB016000GZYVV	HPG4 (C)	HPG4
1795	Online HDD/SSD Flash Component for Windows (x64) - MB012000GZYVT, MB014000GZYVU, MB016000GZYVV and MB018000GYCLL Drives	cp065022.exe	MB018000GYCLL	HPG4 (C)	HPG4
1796	Online HDD/SSD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	cp065053.exe	MB014000GWRTN	HPG2 (I)	HPG2
1797	Online HDD/SSD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	cp065053.exe	MB012000GWRTL	HPG2 (I)	HPG2
1798	Online HDD/SSD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	cp065053.exe	MB010000GWRTK	HPG2 (I)	HPG2
1799	Online HDD/SSD Flash Component for Windows (x64) - MB014000GWUDA Drive	cp065017.exe	MB014000GWUDA	HPG3 (C)	HPG3
1800	Online HDD/SSD Flash Component for Windows (x64) - MB016000GWXKK Drive	cp065030.exe	MB016000GWXKK	HPG4 (C)	HPG4
1801	Online HDD/SSD Flash Component for Windows (x64) - MB018000GXMTK and MB020000GXMTQ Drives	cp065088.exe	MB020000GXMTQ	HPG3 (B)	HPG3
1802	Online HDD/SSD Flash Component for Windows (x64) - MB018000GXMTK and MB020000GXMTQ Drives	cp065088.exe	MB018000GXMTK	HPG3 (B)	HPG3
1803	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	cp065061.exe	MK003840GWXFL	HPG3 (C)	HPG3
1804	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	cp065061.exe	MK001920GWXFK	HPG3 (C)	HPG3
1805	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	cp065061.exe	MK000960GWXFH	HPG3 (C)	HPG3
1806	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	cp065061.exe	MK000480GWXFF	HPG3 (C)	HPG3
1807	Online HDD/SSD Flash Component for	cp065074.exe	MK000480GZXRA	HPG1 (C)	HPG1

	Windows (x64) - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives				
1808	Online HDD/SSD Flash Component for Windows (x64) - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives	cp065074.exe	MK001920GZXRC	HPG1 (C)	HPG1
1809	Online HDD/SSD Flash Component for Windows (x64) - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives	cp065074.exe	MK000960GZXRB	HPG1 (C)	HPG1
1810	Online HDD/SSD Flash Component for Windows (x64) - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives	cp065074.exe	MK003840GZXRV	HPG1 (C)	HPG1
1811	Online HDD/SSD Flash Component for Windows (x64) - MM1000GFJTE Drive	cp065060.exe	MM1000GFJTE	HPG6 (D)	HPG6
1812	Online HDD/SSD Flash Component for Windows (x64) - MM2000GEFRA Drive	cp065057.exe	MM2000GEFRA	HPG9 (D)	HPG9
1813	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp065041.exe	MK001920GWJPQ	HPG5 (H)	HPG5
1814	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp065041.exe	VK001920GWJPH	HPG5 (H)	HPG5
1815	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp065041.exe	MK000240GWKVK	HPG5 (H)	HPG5
1816	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp065041.exe	VK000240GWJPD	HPG5 (H)	HPG5
1817	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp065041.exe	VK003840GWJPK	HPG5 (H)	HPG5
1818	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp065041.exe	MK000480GWJPN	HPG5 (H)	HPG5
1819	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK,	cp065041.exe	VK000480GWJPE	HPG5 (H)	HPG5

	MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives				
1820	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp065041.exe	MK000960GWJPP	HPG5 (H)	HPG5
1821	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp065041.exe	VK000960GWJPF	HPG5 (H)	HPG5
1822	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp065014.exe	VK003840GWTTD	HPG7 (D)	HPG7
1823	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp065014.exe	MK003840GWTTN	HPG7 (D)	HPG7
1824	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp065014.exe	VK001920GWTTC	HPG7 (D)	HPG7
1825	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp065014.exe	MK001920GWTTL	HPG7 (D)	HPG7
1826	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp065014.exe	VK000960GWTTB	HPG7 (D)	HPG7
1827	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp065014.exe	MK000960GWTTK	HPG7 (D)	HPG7
1828	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp065014.exe	VK000480GWTTA	HPG7 (D)	HPG7

1829	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp065014.exe	MK000480GWTTH	HPG7 (D)	HPG7
1830	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp065014.exe	VK000240GWTSV	HPG7 (D)	HPG7
1831	Online HDD/SSD Flash Component for Windows (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	cp065075.exe	VK001920GZXQV	HPG1 (C)	HPG1
1832	Online HDD/SSD Flash Component for Windows (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	cp065075.exe	VK003840GZXRH	HPG1 (C)	HPG1
1833	Online HDD/SSD Flash Component for Windows (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	cp065075.exe	VK007680GZXRT	HPG1 (C)	HPG1
1834	Online HDD/SSD Flash Component for Windows (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	cp065075.exe	VK000960GZXQU	HPG1 (C)	HPG1
1835	Online HDD/SSD Flash Component for Windows (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	cp065075.exe	VK000480GZXRF	HPG1 (C)	HPG1
1836	Online HDD/SSD Flash Component for Windows (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	cp065075.exe	VK000240GZXRU	HPG1 (C)	HPG1
1837	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp065098.exe	VK003840GWTHD	HPG5 (C)	HPG5
1838	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp065098.exe	VK001920GWTHC	HPG5 (C)	HPG5
1839	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp065098.exe	VK000960GWTHB	HPG5 (C)	HPG5
1840	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp065098.exe	VK000480GWTHA	HPG5 (C)	HPG5
1841	Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	cp065062.exe	VK000480GZCNE	HPG3 (C)	HPG3
1842	Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE,	cp065062.exe	VK000960GZCNF	HPG3 (C)	HPG3

	VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives				
1843	Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	cp065062.exe	VK001920GZCNH	HPG3 (C)	HPG3
1844	Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	cp065062.exe	VK003840GZCNK	HPG3 (C)	HPG3
1845	Universal Firmware Package for Drives - MB002000GYDNK and MB004000GYDPD	Seagate_CimarronBP_SCIMARBPNTG2.fwpkg	MB002000GYDNK	HPG2	HPG2
1846	Universal Firmware Package for Drives - MB002000GYDNK and MB004000GYDPD	Seagate_CimarronBP_SCIMARBPNTG2.fwpkg	MB004000GYDPD	HPG2	HPG2
1847	Universal Firmware Package for Drives - MB004000GWZVT	Toshiba_MG08Air_TAMG08ADAnG3.fwpkg	MB004000GWZVT	HPG3	HPG3
1848	Universal Firmware Package for Drives - MB006000GWZVL and MB008000GWZVN	Toshiba_MG08Air_TAMG08ADAeG3.fwpkg	MB006000GWZVL	HPG3	HPG3
1849	Universal Firmware Package for Drives - MB006000GWZVL and MB008000GWZVN	Toshiba_MG08Air_TAMG08ADAeG3.fwpkg	MB008000GWZVN	HPG3	HPG3
1850	Universal Firmware Package for Drives - MB006000GYDNL, MB008000GYDPE and MB010000GYDNN	Seagate_CimarronBP_SCIMARBPETG2.fwpkg	MB006000GYDNL	HPG2	HPG2
1851	Universal Firmware Package for Drives - MB006000GYDNL, MB008000GYDPE and MB010000GYDNN	Seagate_CimarronBP_SCIMARBPETG2.fwpkg	MB008000GYDPE	HPG2	HPG2
1852	Universal Firmware Package for Drives - MB006000GYDNL, MB008000GYDPE and MB010000GYDNN	Seagate_CimarronBP_SCIMARBPETG2.fwpkg	MB010000GYDNN	HPG2	HPG2
1853	Universal Firmware Package for Drives - MB12000GYESP, MB16000GYEVF and MB20000GYEVH	Seagate_Summit_SUMMITSUANG1.fwpkg	MB12000GYESP	HPG1	HPG1
1854	Universal Firmware Package for Drives - MB12000GYESP, MB16000GYEVF and MB20000GYEVH	Seagate_Summit_SUMMITSUANG1.fwpkg	MB16000GYEVF	HPG1	HPG1
1855	Universal Firmware Package for Drives - MB12000GYESP, MB16000GYEVF and MB20000GYEVH	Seagate_Summit_SUMMITSUANG1.fwpkg	MB20000GYEVH	HPG1	HPG1
1856	Universal Firmware Package for Drives - MB24000GYEVK	Seagate_Summit_SUMMITSUASG1.fwpkg	MB24000GYEVK	HPG1	HPG1
1857	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,VK000960GYCNK ,VK001920GYCNL ,VK003840GYCNN ,VK007680GYCNE ,VR000240GXPQT and VR000480GXPQU	Solidigm_S4X20_4IYYHPG4.fwpkg	MK000480GYCNT	HPG4	HPG4
1858	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,VK000960GYCNK ,VK001920GYCNL ,VK003840GYCNN ,VK007680GYCNE ,VR000240GXPQT and VR000480GXPQU	Solidigm_S4X20_4IYYHPG4.fwpkg	MK000960GYCNP	HPG4	HPG4
1859	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,VK000960GYCNK ,VK001920GYCNL ,VK	Solidigm_S4X20_4IYYHPG4.fwpkg	MK001920GYCNF	HPG4	HPG4

	003840GYCNN ,VK007680GYCNE ,VR000240GXPQT and VR000480GXPQU				
1860	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,VK000960GYCNK ,VK001920GYCNL ,VK003840GYCNN ,VK007680GYCNE ,VR000240GXPQT and VR000480GXPQU	Solidigm_S4X20_4IYYHPG4.fwpkg	MK003840GYCNQ	HPG4	HPG4
1861	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,VK000960GYCNK ,VK001920GYCNL ,VK003840GYCNN ,VK007680GYCNE ,VR000240GXPQT and VR000480GXPQU	Solidigm_S4X20_4IYYHPG4.fwpkg	VK000240GYCNU	HPG4	HPG4
1862	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,VK000960GYCNK ,VK001920GYCNL ,VK003840GYCNN ,VK007680GYCNE ,VR000240GXPQT and VR000480GXPQU	Solidigm_S4X20_4IYYHPG4.fwpkg	VK000480GYCNH	HPG4	HPG4
1863	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,VK000960GYCNK ,VK001920GYCNL ,VK003840GYCNN ,VK007680GYCNE ,VR000240GXPQT and VR000480GXPQU	Solidigm_S4X20_4IYYHPG4.fwpkg	VK000960GYCNK	HPG4	HPG4
1864	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,VK000960GYCNK ,VK001920GYCNL ,VK003840GYCNN ,VK007680GYCNE ,VR000240GXPQT and VR000480GXPQU	Solidigm_S4X20_4IYYHPG4.fwpkg	VK001920GYCNL	HPG4	HPG4
1865	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,VK000960GYCNK ,VK001920GYCNL ,VK003840GYCNN ,VK007680GYCNE ,VR000240GXPQT and VR000480GXPQU	Solidigm_S4X20_4IYYHPG4.fwpkg	VK003840GYCNN	HPG4	HPG4
1866	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,VK000960GYCNK ,VK001920GYCNL ,VK003840GYCNN ,VK007680GYCNE ,VR000240GXPQT and VR000480GXPQU	Solidigm_S4X20_4IYYHPG4.fwpkg	VK007680GYCNE	HPG4	HPG4
1867	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,VK000960GYCNK ,VK001920GYCNL ,VK003840GYCNN ,VK007680GYCNE ,VR000240GXPQT and VR000480GXPQU	Solidigm_S4X20_4IYYHPG4.fwpkg	VR000240GXPQT	HPG4	HPG4

1868	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,VK000960GYCNK ,VK001920GYCNL ,VK003840GYCNN ,VK007680GYCNE ,VR000240GXPQT and VR000480GXPQU	Solidigm_S4X20_4IYYHPG4.fwpkg	VR000480GXPQU	HPG4	HPG4

6.2.15 Firmware - Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
1869	Firmware Package - HPE Gen11 Boot Controller NS204i-u, NS204i-d and HPE Gen10 Plus Boot Controller NS204i-p, NS204i-d, NS204i-t, NS204i-r	HPE_NS204i_Gen10p_Gen11_1.2.14.1018_C.fwpkg	HPE NS204i-p Gen10+ Boot Controller	1.2.14.1018 (C)	1.2.14.1018
1870	Firmware Package - HPE Gen11 Boot Controller NS204i-u, NS204i-d and HPE Gen10 Plus Boot Controller NS204i-p, NS204i-d, NS204i-t, NS204i-r	HPE_NS204i_Gen10p_Gen11_1.2.14.1018_C.fwpkg	HPE NS204i-r Gen10+ Boot Controller	1.2.14.1018 (C)	1.2.14.1018
1871	Firmware Package - HPE MR216i-a Gen10 Plus Tri Mode Controller	HPE_MR216i-a_Gen10P_52.30.3-5917_A.fwpkg	Broadcom MR216i-a Cntrl for HPE Gen10+	52.30.3-5917	52.30.3-5917
1872	Firmware Package - HPE MR216i-p Gen10 Plus Tri Mode Controller	HPE_MR216i-p_Gen10P_52.30.3-5917_A.fwpkg	Broadcom MR216i-p Cntrl for HPE Gen10+	52.30.3-5917	52.30.3-5917
1873	Firmware Package - HPE MR416i-a Gen10 Plus Tri Mode Controller	HPE_MR416i-a_Gen10P_52.30.3-5917_A.fwpkg	Broadcom MR416i-a Cntrl for HPE Gen10+	52.30.3-5917	52.30.3-5917
1874	Firmware Package - HPE MR416i-p Gen10 Plus Tri Mode Controller	HPE_MR416i-p_Gen10P_52.30.3-5917_A.fwpkg	Broadcom MR416i-p Cntrl for HPE Gen10+	52.30.3-5917	52.30.3-5917
1875	Firmware Package - HPE SR932i-p Gen10 Plus /SR416i-a Gen10 Plus/SR932i-p Gen11/SR416ie-m Gen11 Controllers	HPE_SR416_SR932_Gen10P_Gen11_03.01.33.044_A.fwpkg	Microchip SR416i-a Cntrl for HPE Gen10+	03.01.33.044	03.01.33.044
1876	Firmware Package - HPE SR932i-p Gen10 Plus /SR416i-a Gen10 Plus/SR932i-p Gen11/SR416ie-m Gen11 Controllers	HPE_SR416_SR932_Gen10P_Gen11_03.01.33.044_A.fwpkg	Microchip SR932i-p Cntrl for HPE Gen10+	03.01.33.044	03.01.33.044
1877	Firmware Package - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P204i-c, P416ie-m and P816i-a SR Gen10 and SR308i-o,SR308i-p Gen11 controllers	HPE_SR_Gen10_7.43_A.fwpkg	HPE Smart Array E208e-p SR Gen10 Controller	7.43	7.43
1878	Firmware Package - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P204i-c, P416ie-m and P816i-a SR Gen10 and SR308i-o,SR308i-p Gen11 controllers	HPE_SR_Gen10_7.43_A.fwpkg	HPE Smart Array P816i-a SR Gen10 Controller	7.43	7.43
1879	Firmware Package - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P204i-c, P416ie-m and P816i-a SR Gen10 and SR308i-o,SR308i-p Gen11 controllers	HPE_SR_Gen10_7.43_A.fwpkg	HPE Smart Array P408i-a SR Gen10 Controller	7.43	7.43
1880	Firmware Package - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P204i-c, P416ie-m and P816i-a SR Gen10 and SR308i-o,SR308i-p Gen11	HPE_SR_Gen10_7.43_A.fwpkg	HPE Smart Array P408i-p SR Gen10 Controller	7.43	7.43

	controllers				
1881	Firmware Package - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P204i-c, P416ie-m and P816i-a SR Gen10 and SR308i-o,SR308i-p Gen11 controllers	HPE_SR_Gen10_7.43_A.fwpkg	HPE Smart Array E208i-a SR Gen10 Controller	7.43	7.43
1882	Firmware Package - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P204i-c, P416ie-m and P816i-a SR Gen10 and SR308i-o,SR308i-p Gen11 controllers	HPE_SR_Gen10_7.43_A.fwpkg	HPE Smart Array E208i-p SR Gen10 Controller	7.43	7.43
1883	Online ROM Flash Component for VMware ESXi - HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers	CP064922.zip	HPE 12Gb SAS Expander Card	5.15 (C)	5.15
1884	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10 Controllers	CP062902.zip	HPE Smart Array P816i-a SR Gen10 Controller	7.43	7.43
1885	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10 Controllers	CP062902.zip	HPE Smart Array P408i-a SR Gen10 Controller	7.43	7.43
1886	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10 Controllers	CP062902.zip	HPE Smart Array P408i-p SR Gen10 Controller	7.43	7.43
1887	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10 Controllers	CP062902.zip	HPE Smart Array E208e-p SR Gen10 Controller	7.43	7.43
1888	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10 Controllers	CP062902.zip	HPE Smart Array E208i-a SR Gen10 Controller	7.43	7.43
1889	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10 Controllers	CP062902.zip	HPE Smart Array E208i-p SR Gen10 Controller	7.43	7.43
1890	Online ROM Flash Component for Windows (x64) - HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers	cp065150.exe	HPE 12Gb SAS Expander Card	5.15 (D)	5.15
1891	Supplemental Update / Online ROM Flash Component for Linux (x64) – HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers	firmware-smartarray-1f19a4a64d-5.15-4.1.x86_64.rpm	HPE 12Gb SAS Expander Card	5.15 (D)	5.15

6.2.16 Firmware - Storage Fibre Channel

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
1892	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2025.03.01-1.16.x86_64.rpm	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus	2025.03.01	14.4.473.14

			Adapter		
1893	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2025.03.01-1.16.x86_64.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2025.03.01	14.4.473.14
1894	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2025.03.01-1.16.x86_64.rpm	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2025.03.01	14.4.473.14
1895	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2025.03.01-1.16.x86_64.rpm	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2025.03.01	14.4.473.14
1896	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2025.03.01-1.16.x86_64.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2025.03.01	14.4.473.14
1897	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2025.03.01-1.16.x86_64.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	2025.03.01	14.4.473.14
1898	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022/2025 x64	cp063479.exe	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2025.03.01	14.4.473.14
1899	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022/2025 x64	cp063479.exe	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2025.03.01	14.4.473.14
1900	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022/2025 x64	cp063479.exe	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2025.03.01	14.4.473.14
1901	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022/2025 x64	cp063479.exe	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2025.03.01	14.4.473.14
1902	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022/2025 x64	cp063479.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2025.03.01	14.4.473.14
1903	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022/2025 x64	cp063479.exe	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	2025.03.01	14.4.473.14
1904	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 8.0	CP063477.zip	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2025.03.01	14.4.473.14
1905	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 8.0	CP063477.zip	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2025.03.01	14.4.473.14
1906	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 8.0	CP063477.zip	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2025.03.01	14.4.473.14
1907	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 8.0	CP063477.zip	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2025.03.01	14.4.473.14
1908	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 8.0	CP063477.zip	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2025.03.01	14.4.473.14
1909	HPE Firmware Flash for Emulex Fibre	CP063477.zip	HPE SN1610E 32Gb	2025.03.01	14.4.473.14

	Channel Host Bus Adapters for VMware vSphere 8.0		2-port Fibre Channel Host Bus Adapter		
1910	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 9.0	CP064176.zip	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2025.03.01	14.4.473.14
1911	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 9.0	CP064176.zip	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2025.03.01	14.4.473.14
1912	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 9.0	CP064176.zip	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2025.03.01	14.4.473.14
1913	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 9.0	CP064176.zip	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2025.03.01	14.4.473.14
1914	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 9.0	CP064176.zip	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2025.03.01	14.4.473.14
1915	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 9.0	CP064176.zip	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	2025.03.01	14.4.473.14
1916	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2025.03.01-1.6.x86_64.rpm	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08
1917	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2025.03.01-1.6.x86_64.rpm	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08
1918	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2025.03.01-1.6.x86_64.rpm	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08
1919	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2025.03.01-1.6.x86_64.rpm	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08
1920	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2025.03.01-1.6.x86_64.rpm	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08
1921	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2025.03.01-1.6.x86_64.rpm	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08
1922	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022/2025 (x86_64)	cp063822.exe	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08
1923	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022/2025 (x86_64)	cp063822.exe	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08
1924	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022/2025 (x86_64)	cp063822.exe	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08
1925	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server	cp063822.exe	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus	2025.03.01	02.10.08

	2016/2019/2022/2025 (x86_64)		Adapter		
1926	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022/2025 (x86_64)	cp063822.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08
1927	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022/2025 (x86_64)	cp063822.exe	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08
1928	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 8.0	CP063820.zip	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08
1929	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 8.0	CP063820.zip	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08
1930	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 8.0	CP063820.zip	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08
1931	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 8.0	CP063820.zip	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08
1932	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 8.0	CP063820.zip	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08
1933	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 8.0	CP063820.zip	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08
1934	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 9.0	CP064570.zip	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08
1935	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 9.0	CP064570.zip	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08
1936	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 9.0	CP064570.zip	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08
1937	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 9.0	CP064570.zip	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08
1938	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 9.0	CP064570.zip	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08
1939	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 9.0	CP064570.zip	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2025.03.01	02.10.08

6.2.17 Firmware – System

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
1940	Firmware Package - Gen10 NVMe Backplane PIC Firmware	ISS_NVMe_BP_PIC_flashV1B24.fwpkg	NVMe Backplane PIC	1.24 (E)	1.24
1941	Firmware Package - UBM1 Backplane PIC PLDM Firmware	HPE_UBM1_1.46_B.fwpkg	UBM1 Backplane PIC	1.46 (B)	1.46

1942	Firmware Package - UBM2 Backplane PIC PLDM Firmware for Gen10/Gen10P/Gen11 Servers	HPE_UBM2_1.20_F.fwpkg	UBM2 Backplane PIC	1.20 (F)	1.20
1943	Firmware Package - UBM3 Backplane PIC PLDM Firmware for Gen10 and Gen10 Plus and Gen11 servers usage	HPE_UBM3_1.24_G.fwpkg	UBM3 Backplane PIC	1.24 (G)	1.24
1944	Firmware Package - UBM4 Backplane PIC PLDM Firmware for Gen10P/Gen11/Gen12 servers usage	HPE_UBM4_1.24_G.fwpkg	UBM4 Backplane PIC	1.24 (G)	1.24
1945	Firmware Package - UBM6 Backplane PIC PLDM Firmware for Gen10/Gen10P/Gen11/Gen12 servers usage	HPE_UBM6_1.04_C.fwpkg	UBM6 Backplane PIC	1.04 (C)	1.04
1946	Online Flash for Linux - Innovation Engine Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors	firmware-ie-0.2.3.0-3.1.x86_64.rpm	Innovation Engine (IE) Fimware	0.2.3.0 (C)	0.2.3.0
1947	Online Flash for Linux - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors	firmware-sps-04.01.05.105-1.1.x86_64.rpm	Server Platform Services (SPS) Firmware	04.01.05.105	4.1.5.105
1948	Online Flash for Linux - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	firmware-sps-04.04.04.702-1.1.x86_64.rpm	Server Platform Services (SPS) Firmware	04.04.04.702	4.4.4.702
1949	Online Flash for Windows x64 - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors	cp065596.exe	Server Platform Services (SPS) Firmware	04.01.05.105 (B)	4.1.5.105
1950	Online Flash for Windows x64 - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	cp065598.exe	Server Platform Services (SPS) Firmware	04.04.04.702 (B)	4.4.4.702
1951	Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	cp065606.exe	Server Platform Services (SPS) Firmware for Intel C242 and C...	05.01.05.005 (B)	5.1.5.5
1952	Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	cp065603.exe	Server Platform Services Manageability Engine Firmware	06.00.03.700 (B)	6.0.3.700
1953	Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems	cp065578.exe	Server Platform Services Manageability Engine Firmware for t...	06.00.03.700 (B)	6.0.3.700
1954	Online ROM Flash for Linux - Innovation Engine Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	firmware-ie-1.0.0.22-3.1.x86_64.rpm	Innovation Engine (IE) Fimware	1.0.0.22 (C)	1.0.0.22
1955	Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	firmware-u43u44sps-05.01.05.005-2.1.x86_64.rpm	Server Platform Services (SPS) Firmware for Intel C242 and C...	05.01.05.005 (B)	5.1.5.5
1956	Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	firmware-u61sps-06.00.03.700-1.1.x86_64.rpm	Server Platform Services Manageability Engine Firmware	06.00.03.700	6.0.3.700

1957	Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems	firmware-u60sps-06.00.03.700-1.1.x86_64.rpm	Server Platform Services Manageability Engine Firmware for t...	06.00.03.700	6.0.3.700
1958	ROM Flash Firmware Package - Innovation Engine Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors	OEM.IEGen10_0.2.3.0.fwpkg	Innovation Engine (IE) Universal Image.	0.2.3.0 (B)	0.2.3.0
1959	ROM Flash Firmware Package - Innovation Engine Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	OEM.IEGen10Plus_1.0.0.22.fwpkg	Innovation Engine (IE) Universal Image	1.0.0.22 (B)	1.0.0.22
1960	ROM Flash Firmware Package - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors	OEM.SPSGen10_04.01.05.105.fwpkg	Server Platform Services (SPS) Firmware	04.01.05.105	4.1.5.105
1961	ROM Flash Firmware Package - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	OEM.SPSGen10Plus_04.04.04.702.fwpkg	Server Platform Services (SPS) Firmware	04.04.04.702	4.4.4.702
1962	ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	OEM.SC_ML30GEN10Plus_ME_06.00.03.700.fwpkg	Server Platform Services Firmware for ML30 Gen10 Plus	06.00.03.700	6.0.3.700
1963	ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	OEM.DL20ML30Gen10SPS_05.01.05.005.fwpkg	Server Platform Services (SPS) E3 Firmware	05.01.05.005	5.1.5.5
1964	ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems	OEM.SC_DL20GEN10Plus_ME_06.00.03.700.fwpkg	Server Platform Services Firmware for DL20 Gen10 Plus	06.00.03.700	6.0.3.700

6.2.18 Software - Lights-Out Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
1965	HPE Lights-Out Online Configuration Utility for Linux (AMD64/EM64T)	hponcfg-6.0.0-0.x86_64.rpm	-	6.0.0-0 (B)	6.0.0-0
1966	HPE Lights-Out Online Configuration Utility for Windows x64 Editions	cp063854.exe	-	6.0.0.0 (A)	6.0.0.0

6.2.19 Software - Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
1967	HPE iLO Driver Bundle Smart Component for ESXi 8.0 and ESXi 9.0	cp064439.zip	-	2025.03.00	800.10.9.0.17-1OEM.800.1.0.20613240
1968	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp062924.zip	HPE Smart Array P816i-a SR Gen10 Controller	2025.02.01	6.45.8.0-8.0.0
1969	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp062924.zip	HPE Smart Array P408i-a SR Gen10 Controller	2025.02.01	6.45.8.0-8.0.0
1970	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp062924.zip	HPE Smart Array P408i-p SR Gen10 Controller	2025.02.01	6.45.8.0-8.0.0
1971	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for	cp062924.zip	HPE Smart Array E208e-p SR Gen10	2025.02.01	6.45.8.0-8.0.0

	Gen10/Gen10 Plus/Gen11 Controllers		Controller		
1972	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp062924.zip	HPE Smart Array E208i-a SR Gen10 Controller	2025.02.01	6.45.8.0-8.0.0
1973	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp062924.zip	HPE Smart Array E208i-p SR Gen10 Controller	2025.02.01	6.45.8.0-8.0.0
1974	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp062924.zip	Microchip SR416i-a Cntrl for HPE Gen10+	2025.02.01	6.45.8.0-8.0.0
1975	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp062924.zip	Microchip SR932i-p Cntrl for HPE Gen10+	2025.02.01	6.45.8.0-8.0.0
1976	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp062924.zip	Smart Array S100i SR	2025.02.01	6.45.8.0-8.0.0
1977	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp062924.zip	Smart Array S100i SR	2025.02.01	6.45.8.0-8.0.0
1978	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp062924.zip	Smart Array S100i SR	2025.02.01	6.45.8.0-8.0.0
1979	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp062924.zip	HPE 12Gb SAS Expander Card	2025.02.01	6.45.8.0-8.0.0
1980	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp064903.zip	HPE Smart Array P816i-a SR Gen10 Controller	2025.03.01	2025.03.01
1981	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp064903.zip	HPE Smart Array P408i-a SR Gen10 Controller	2025.03.01	2025.03.01
1982	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp064903.zip	HPE Smart Array P408i-p SR Gen10 Controller	2025.03.01	2025.03.01
1983	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp064903.zip	HPE Smart Array E208e-p SR Gen10 Controller	2025.03.01	2025.03.01
1984	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp064903.zip	HPE Smart Array E208i-a SR Gen10 Controller	2025.03.01	2025.03.01
1985	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp064903.zip	HPE Smart Array E208i-p SR Gen10 Controller	2025.03.01	2025.03.01
1986	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp064903.zip	Microchip SR416i-a Cntrl for HPE Gen10+	2025.03.01	2025.03.01
1987	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp064903.zip	Microchip SR932i-p Cntrl for HPE Gen10+	2025.03.01	2025.03.01
1988	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp064903.zip	Smart Array S100i SR	2025.03.01	2025.03.01
1989	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp064903.zip	Smart Array S100i SR	2025.03.01	2025.03.01
1990	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp064903.zip	Smart Array S100i SR	2025.03.01	2025.03.01
1991	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp064903.zip	HPE 12Gb SAS Expander Card	2025.03.01	2025.03.01

6.2.20 Software - Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
1992	HPE MegaRAID Storage Administrator StorCLI for VMware8.0 (For Gen10P and Gen11 Controllers)	cp065471.zip	Broadcom MR416i-p Cntrl for HPE Gen10+	2025.01.01 (B)	007.3011.0000.0000-02
1993	HPE MegaRAID Storage Administrator StorCLI for VMware8.0 (For Gen10P and Gen11 Controllers)	cp065471.zip	Broadcom MR416i-a Cntrl for HPE Gen10+	2025.01.01 (B)	007.3011.0000.0000-02
1994	HPE MegaRAID Storage Administrator StorCLI for VMware8.0 (For Gen10P and Gen11 Controllers)	cp065471.zip	Broadcom MR216i-p Cntrl for HPE Gen10+	2025.01.01 (B)	007.3011.0000.0000-02
1995	HPE MegaRAID Storage Administrator StorCLI for VMware8.0 (For Gen10P and Gen11 Controllers)	cp065471.zip	Broadcom MR216i-a Cntrl for HPE Gen10+	2025.01.01 (B)	007.3011.0000.0000-02
1996	HPE MegaRAID Storage Administrator StorCLI for VMware9.0 (For Gen10P and Gen11 Controllers)	cp064599.zip	Broadcom MR416i-p Cntrl for HPE Gen10+	2025.01.01	2025.01.01
1997	HPE MegaRAID Storage Administrator StorCLI for VMware9.0 (For Gen10P and Gen11 Controllers)	cp064599.zip	Broadcom MR416i-a Cntrl for HPE Gen10+	2025.01.01	2025.01.01
1998	HPE MegaRAID Storage Administrator StorCLI for VMware9.0 (For Gen10P and Gen11 Controllers)	cp064599.zip	Broadcom MR216i-p Cntrl for HPE Gen10+	2025.01.01	2025.01.01
1999	HPE MegaRAID Storage Administrator StorCLI for VMware9.0 (For Gen10P and Gen11 Controllers)	cp064599.zip	Broadcom MR216i-a Cntrl for HPE Gen10+	2025.01.01	2025.01.01
2000	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp064953.exe	HPE Smart Array P408i-a SR Gen10 Controller	1.2.1.69 (B)	1.2.1.69
2001	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp064953.exe	HPE Smart Array P408i-p SR Gen10 Controller	1.2.1.69 (B)	1.2.1.69
2002	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp064953.exe	HPE Smart Array P816i-a SR Gen10 Controller	1.2.1.69 (B)	1.2.1.69
2003	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp064953.exe	HPE Smart Array E208e-p SR Gen10 Controller	1.2.1.69 (B)	1.2.1.69
2004	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp064953.exe	HPE Smart Array E208i-p SR Gen10 Controller	1.2.1.69 (B)	1.2.1.69
2005	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp064953.exe	HPE Smart Array E208i-a SR Gen10 Controller	1.2.1.69 (B)	1.2.1.69

6.2.21 Software - Storage Fibre Channel

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
2006	HPE QLogic Fibre Channel driver component for VMware vSphere 8.0	cp061880.zip	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2024.09.01	5.4.83.1-1OEM.803.0.0.23710970
2007	HPE QLogic Fibre Channel driver component for VMware vSphere 8.0	cp061880.zip	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2024.09.01	5.4.83.1-1OEM.803.0.0.23710970
2008	HPE QLogic Fibre Channel driver component for VMware vSphere 8.0	cp061880.zip	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2024.09.01	5.4.83.1-1OEM.803.0.0.23710970
2009	HPE QLogic Fibre Channel driver component for VMware vSphere 8.0	cp061880.zip	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus	2024.09.01	5.4.83.1-1OEM.803.0.0.23710970

			Adapter		
2010	HPE QLogic Fibre Channel driver component for VMware vSphere 8.0	cp061880.zip	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2024.09.01	5.4.83.1-1OEM.803.0.0.23710970
2011	HPE QLogic Fibre Channel driver component for VMware vSphere 8.0	cp061880.zip	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2024.09.01	5.4.83.1-1OEM.803.0.0.23710970
2012	HPE QLogic Fibre Channel driver component for VMware vSphere 8.0	cp062113.zip	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2024.09.01	5.4.82.1-1OEM.800.1.0.20613240
2013	HPE QLogic Fibre Channel driver component for VMware vSphere 8.0	cp062113.zip	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2024.09.01	5.4.82.1-1OEM.800.1.0.20613240
2014	HPE QLogic Fibre Channel driver component for VMware vSphere 8.0	cp062113.zip	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2024.09.01	5.4.82.1-1OEM.800.1.0.20613240
2015	HPE QLogic Fibre Channel driver component for VMware vSphere 8.0	cp062113.zip	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2024.09.01	5.4.82.1-1OEM.800.1.0.20613240
2016	HPE QLogic Fibre Channel driver component for VMware vSphere 8.0	cp062113.zip	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2024.09.01	5.4.82.1-1OEM.800.1.0.20613240
2017	HPE QLogic Fibre Channel driver component for VMware vSphere 8.0	cp062113.zip	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2024.09.01	5.4.82.1-1OEM.800.1.0.20613240
2018	HPE QLogic Fibre Channel driver component for VMware vSphere 9.0	cp064287.zip	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2025.03.01	2025.03.01
2019	HPE QLogic Fibre Channel driver component for VMware vSphere 9.0	cp064287.zip	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2025.03.01	2025.03.01
2020	HPE QLogic Fibre Channel driver component for VMware vSphere 9.0	cp064287.zip	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2025.03.01	2025.03.01
2021	HPE QLogic Fibre Channel driver component for VMware vSphere 9.0	cp064287.zip	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2025.03.01	2025.03.01
2022	HPE QLogic Fibre Channel driver component for VMware vSphere 9.0	cp064287.zip	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2025.03.01	2025.03.01
2023	HPE QLogic Fibre Channel driver component for VMware vSphere 9.0	cp064287.zip	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2025.03.01	2025.03.01

6.2.22 Software - System Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
2024	Agentless Management Service (iLO 5, iLO 6 and iLO 7) for Red Hat Enterprise Linux 9 Server	amsd-4.0.0-1974.81.rhel9.x86_64.rpm	-	4.0.0	4.0.0-1974.81.rhel9
2025	Agentless Management Service (iLO5,	amsd-3.7.0-	-	3.7.0	3.7.0-

	iLO 6) for Red Hat Enterprise Linux 8 Server	1869.1.rhel8.x86_64.rpm			1869.1.rhel8
2026	Agentless Management Service for Microsoft Windows x64	cp065519.exe	-	2.60.2.0	2.60.2.0
2027	HPE Agentless Management Bundle Smart Component on ESXi for Gen10 and Gen10 Plus Servers	cp062292.zip	-	2025.03.01	802.11.11.0.4-1
2028	HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit (for Gen10 and Gen11 Controllers)	storcli-007.3011.0000.0000-1.noarch.rpm	Broadcom MR416i-p Cntrl for HPE Gen10+	007.3011.0000.0000 (B)	007.3011.0000.0000-1
2029	HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit (for Gen10 and Gen11 Controllers)	storcli-007.3011.0000.0000-1.noarch.rpm	Broadcom MR416i-a Cntrl for HPE Gen10+	007.3011.0000.0000 (B)	007.3011.0000.0000-1
2030	HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit (for Gen10 and Gen11 Controllers)	storcli-007.3011.0000.0000-1.noarch.rpm	Broadcom MR216i-p Cntrl for HPE Gen10+	007.3011.0000.0000 (B)	007.3011.0000.0000-1
2031	HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit (for Gen10 and Gen11 Controllers)	storcli-007.3011.0000.0000-1.noarch.rpm	Broadcom MR216i-a Cntrl for HPE Gen10+	007.3011.0000.0000 (B)	007.3011.0000.0000-1
2032	HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit (for Gen10P and Gen11 Controllers)	cp065470.exe	Broadcom MR416i-p Cntrl for HPE Gen10+	7.3011.0.0 (B)	7.3011.0.0
2033	HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit (for Gen10P and Gen11 Controllers)	cp065470.exe	Broadcom MR416i-a Cntrl for HPE Gen10+	7.3011.0.0 (B)	7.3011.0.0
2034	HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit (for Gen10P and Gen11 Controllers)	cp065470.exe	Broadcom MR216i-p Cntrl for HPE Gen10+	7.3011.0.0 (B)	7.3011.0.0
2035	HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit (for Gen10P and Gen11 Controllers)	cp065470.exe	Broadcom MR216i-a Cntrl for HPE Gen10+	7.3011.0.0 (B)	7.3011.0.0
2036	HPE MegaRAID Storage Administrator for Linux 64-bit (HPE MRSA for Gen10P and Gen11 Controllers)	MRStorageAdministrator-008.010.012.000-00.x86_64.rpm	Broadcom MR416i-p Cntrl for HPE Gen10+	8.10.12.0 (B)	008.010.012.000-00
2037	HPE MegaRAID Storage Administrator for Linux 64-bit (HPE MRSA for Gen10P and Gen11 Controllers)	MRStorageAdministrator-008.010.012.000-00.x86_64.rpm	Broadcom MR416i-a Cntrl for HPE Gen10+	8.10.12.0 (B)	008.010.012.000-00
2038	HPE MegaRAID Storage Administrator for Linux 64-bit (HPE MRSA for Gen10P and Gen11 Controllers)	MRStorageAdministrator-008.010.012.000-00.x86_64.rpm	Broadcom MR216i-p Cntrl for HPE Gen10+	8.10.12.0 (B)	008.010.012.000-00
2039	HPE MegaRAID Storage Administrator for Linux 64-bit (HPE MRSA for Gen10P and Gen11 Controllers)	MRStorageAdministrator-008.010.012.000-00.x86_64.rpm	Broadcom MR216i-a Cntrl for HPE Gen10+	8.10.12.0 (B)	008.010.012.000-00
2040	HPE MegaRAID Storage Administrator for Windows 64-bit (HPE MRSA for Gen10 Plus and Gen11 Controllers)	cp065472.exe	Broadcom MR416i-p Cntrl for HPE Gen10+	8.10.12.0 (B)	8.10.12.0
2041	HPE MegaRAID Storage Administrator for Windows 64-bit (HPE MRSA for Gen10 Plus and Gen11 Controllers)	cp065472.exe	Broadcom MR416i-a Cntrl for HPE Gen10+	8.10.12.0 (B)	8.10.12.0
2042	HPE MegaRAID Storage Administrator for Windows 64-bit (HPE MRSA for Gen10 Plus and Gen11 Controllers)	cp065472.exe	Broadcom MR216i-p Cntrl for HPE Gen10+	8.10.12.0 (B)	8.10.12.0
2043	HPE MegaRAID Storage Administrator for Windows 64-bit (HPE MRSA for Gen10 Plus and Gen11 Controllers)	cp065472.exe	Broadcom MR216i-a Cntrl for HPE Gen10+	8.10.12.0 (B)	8.10.12.0
2044	NVMe Drive Eject NMI Fix for Intel Xeon Processor Scalable Family for Microsoft Windows 64-bit	cp065111.exe	-	1.1.0.0 (H)	1.1.0.0
2045	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssacli-6.45-8.0.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	6.45.8.0	6.45-8.0
2046	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssacli-6.45-8.0.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	6.45.8.0	6.45-8.0
2047	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10	ssacli-6.45-8.0.x86_64.rpm	HPE Smart Array P816i-a SR Gen10	6.45.8.0	6.45-8.0

	Plus/Gen11 Controllers		Controller		
2048	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssacli-6.45-8.0.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	6.45.8.0	6.45-8.0
2049	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssacli-6.45-8.0.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	6.45.8.0	6.45-8.0
2050	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssacli-6.45-8.0.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	6.45.8.0	6.45-8.0
2051	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssacli-6.45-8.0.x86_64.rpm	Smart Array S100i SR	6.45.8.0	6.45-8.0
2052	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssacli-6.45-8.0.x86_64.rpm	Smart Array S100i SR	6.45.8.0	6.45-8.0
2053	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssacli-6.45-8.0.x86_64.rpm	Smart Array S100i SR	6.45.8.0	6.45-8.0
2054	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssacli-6.45-8.0.x86_64.rpm	Microchip SR416i-a Cntrl for HPE Gen10+	6.45.8.0	6.45-8.0
2055	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssacli-6.45-8.0.x86_64.rpm	Microchip SR932i-p Cntrl for HPE Gen10+	6.45.8.0	6.45-8.0
2056	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssacli-6.45-8.0.x86_64.rpm	HPE 12Gb SAS Expander Card	6.45.8.0	6.45-8.0
2057	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062921.exe	HPE Smart Array P408i-a SR Gen10 Controller	6.45.8.0	6.45.8.0
2058	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062921.exe	HPE Smart Array P408i-p SR Gen10 Controller	6.45.8.0	6.45.8.0
2059	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062921.exe	HPE Smart Array P816i-a SR Gen10 Controller	6.45.8.0	6.45.8.0
2060	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062921.exe	HPE Smart Array E208e-p SR Gen10 Controller	6.45.8.0	6.45.8.0
2061	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062921.exe	HPE Smart Array E208i-a SR Gen10 Controller	6.45.8.0	6.45.8.0
2062	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062921.exe	HPE Smart Array E208i-p SR Gen10 Controller	6.45.8.0	6.45.8.0
2063	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062921.exe	Microchip SR416i-a Cntrl for HPE Gen10+	6.45.8.0	6.45.8.0
2064	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062921.exe	Microchip SR932i-p Cntrl for HPE Gen10+	6.45.8.0	6.45.8.0
2065	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062921.exe	Smart Array S100i SR	6.45.8.0	6.45.8.0
2066	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062921.exe	Smart Array S100i SR	6.45.8.0	6.45.8.0
2067	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062921.exe	Smart Array S100i SR	6.45.8.0	6.45.8.0
2068	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062921.exe	HPE 12Gb SAS Expander Card	6.45.8.0	6.45.8.0
2069	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10	ssa-6.45-8.0.x86_64.rpm	HPE Smart Array P408i-a SR Gen10	6.45.8.0	6.45-8.0

	Plus/Gen11 Controllers		Controller		
2070	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.45-8.0.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	6.45.8.0	6.45-8.0
2071	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.45-8.0.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	6.45.8.0	6.45-8.0
2072	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.45-8.0.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	6.45.8.0	6.45-8.0
2073	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.45-8.0.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	6.45.8.0	6.45-8.0
2074	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.45-8.0.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	6.45.8.0	6.45-8.0
2075	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.45-8.0.x86_64.rpm	Smart Array S100i SR	6.45.8.0	6.45-8.0
2076	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.45-8.0.x86_64.rpm	Smart Array S100i SR	6.45.8.0	6.45-8.0
2077	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.45-8.0.x86_64.rpm	Smart Array S100i SR	6.45.8.0	6.45-8.0
2078	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.45-8.0.x86_64.rpm	Microchip SR416i-a Cntrl for HPE Gen10+	6.45.8.0	6.45-8.0
2079	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.45-8.0.x86_64.rpm	Microchip SR932i-p Cntrl for HPE Gen10+	6.45.8.0	6.45-8.0
2080	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.45-8.0.x86_64.rpm	HPE 12Gb SAS Expander Card	6.45.8.0	6.45-8.0
2081	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062923.exe	HPE Smart Array P408i-a SR Gen10 Controller	6.45.8.0	6.45.8.0
2082	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062923.exe	HPE Smart Array P408i-p SR Gen10 Controller	6.45.8.0	6.45.8.0
2083	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062923.exe	HPE Smart Array P816i-a SR Gen10 Controller	6.45.8.0	6.45.8.0
2084	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062923.exe	HPE Smart Array E208e-p SR Gen10 Controller	6.45.8.0	6.45.8.0
2085	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062923.exe	HPE Smart Array E208i-a SR Gen10 Controller	6.45.8.0	6.45.8.0
2086	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062923.exe	HPE Smart Array E208i-p SR Gen10 Controller	6.45.8.0	6.45.8.0
2087	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062923.exe	Microchip SR932i-p Cntrl for HPE Gen10+	6.45.8.0	6.45.8.0
2088	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062923.exe	Smart Array S100i SR	6.45.8.0	6.45.8.0
2089	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062923.exe	Smart Array S100i SR	6.45.8.0	6.45.8.0
2090	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062923.exe	Smart Array S100i SR	6.45.8.0	6.45.8.0
2091	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10	cp062923.exe	Microchip SR416i-a Cntrl for HPE	6.45.8.0	6.45.8.0

	Plus/Gen11 Controllers		Gen10+		
2092	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062923.exe	HPE 12Gb SAS Expander Card	6.45.8.0	6.45.8.0
2093	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaducli-6.45-8.0.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	6.45.8.0	6.45-8.0
2094	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaducli-6.45-8.0.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	6.45.8.0	6.45-8.0
2095	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaducli-6.45-8.0.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	6.45.8.0	6.45-8.0
2096	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaducli-6.45-8.0.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	6.45.8.0	6.45-8.0
2097	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaducli-6.45-8.0.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	6.45.8.0	6.45-8.0
2098	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaducli-6.45-8.0.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	6.45.8.0	6.45-8.0
2099	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaducli-6.45-8.0.x86_64.rpm	Smart Array S100i SR	6.45.8.0	6.45-8.0
2100	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaducli-6.45-8.0.x86_64.rpm	Smart Array S100i SR	6.45.8.0	6.45-8.0
2101	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaducli-6.45-8.0.x86_64.rpm	Smart Array S100i SR	6.45.8.0	6.45-8.0
2102	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaducli-6.45-8.0.x86_64.rpm	Microchip SR416i-a Cntrl for HPE Gen10+	6.45.8.0	6.45-8.0
2103	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaducli-6.45-8.0.x86_64.rpm	Microchip SR932i-p Cntrl for HPE Gen10+	6.45.8.0	6.45-8.0
2104	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaducli-6.45-8.0.x86_64.rpm	HPE 12Gb SAS Expander Card	6.45.8.0	6.45-8.0
2105	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062922.exe	HPE Smart Array P408i-a SR Gen10 Controller	6.45.8.0	6.45.8.0
2106	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062922.exe	HPE Smart Array P408i-p SR Gen10 Controller	6.45.8.0	6.45.8.0
2107	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062922.exe	HPE Smart Array P816i-a SR Gen10 Controller	6.45.8.0	6.45.8.0
2108	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for	cp062922.exe	HPE Smart Array E208e-p SR Gen10	6.45.8.0	6.45.8.0

	Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers		Controller		
2109	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062922.exe	HPE Smart Array E208i-a SR Gen10 Controller	6.45.8.0	6.45.8.0
2110	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062922.exe	HPE Smart Array E208i-p SR Gen10 Controller	6.45.8.0	6.45.8.0
2111	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062922.exe	Smart Array S100i SR	6.45.8.0	6.45.8.0
2112	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062922.exe	Smart Array S100i SR	6.45.8.0	6.45.8.0
2113	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062922.exe	Smart Array S100i SR	6.45.8.0	6.45.8.0
2114	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062922.exe	Microchip SR416i-a Cntrl for HPE Gen10+	6.45.8.0	6.45.8.0
2115	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062922.exe	Microchip SR932i-p Cntrl for HPE Gen10+	6.45.8.0	6.45.8.0
2116	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp062922.exe	HPE 12Gb SAS Expander Card	6.45.8.0	6.45.8.0

6.3 パッケージの変更内容

Online ROM Flash Component for Linux - System ROM U34

Version: 3.40_01-16-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel IPU2025.1 updates.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 04.01.05.105.

Problems Fixed:

- Addressed an issue where the system would uses UUID for IPV6 DHCP even when DUID-LLT is selected.
- Fixed an issue where system may reboot infinitely when a faulty PCIE card was installed.
- Fixed an issue where the firmware versions of iLO and Backplane showed incorrectly.
- Addressed an issue where system was not compliant with Windows Server HSTI requirement.

Online ROM Flash Component for Linux - System ROM U30

Version: 3.40_01-16-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel IPU2025.1 updates.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 04.01.05.105.

Problems Fixed:

- Addressed an issue where the system would uses UUID for IPV6 DHCP even when DUID-LLT is selected.
- Fixed an issue where system may reboot infinitely when a faulty PCIE card was installed.
- Fixed an issue where the firmware versions of iLO and Backplane showed incorrectly.
- Addressed an issue where system was not compliant with Windows Server HSTI requirement.

Online ROM Flash Component for Linux - System ROM U32

Version: 3.40_01-16-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel IPU2025.1 updates.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 04.01.05.105.

Problems Fixed:

- Addressed an issue where the system would uses UUID for IPV6 DHCP even when DUID-LLT is selected.

- Fixed an issue where system may reboot infinitely when a faulty PCIE card was installed.
- Fixed an issue where the firmware versions of iLO and Backplane showed incorrectly.
- Addressed an issue where system was not compliant with Windows Server HSTI requirement.

Online ROM Flash Component for Linux - System ROM U41

Version: 3.40_01-16-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel IPU2025.1 updates.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 04.01.05.105.

Problems Fixed:

- Addressed an issue where the system would uses UUID for IPV6 DHCP even when DUID-LLT is selected.
- Fixed an issue where system may reboot infinitely when a faulty PCIE card was installed.
- Fixed an issue where the firmware versions of iLO and Backplane showed incorrectly.
- Addressed an issue where system was not compliant with Windows Server HSTI requirement.

Online ROM Flash Component for Linux - System ROM U43

Version: 3.52_02-21-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2025.1 guidance.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 05.01.05.005.

Problems Fixed:

- Addressed an issue where the system iLO remote console might hang when the System Utilities Language is set to Japanese.
- Addressed an issue where the system would use UUID for IPV6 DHCP when "RBSU¥Network Options¥Network Boot Options¥IPv6 DHCP Unique Identifier¥DUID-LLT" is selected.

Enhancements/New Features:

- Added pop-up message for all Intelligent Provisioning boot paths to warn users of the risk of data loss.

Online ROM Flash Component for Linux - System ROM U44

Version: 3.52_02-21-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2025.1 guidance.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 05.01.05.005.

Problems Fixed:

- Addressed an issue where the system iLO remote console might hang when the System Utilities Language is set to Japanese.
- Addressed an issue where the system would use UUID for IPV6 DHCP when "RBSU¥Network Options¥Network Boot Options¥IPv6 DHCP Unique Identifier¥DUID-LLT" is selected.

Enhancements/New Features:

- Added pop-up message for all Intelligent Provisioning boot paths to warn users of the risk of data loss.

Online ROM Flash Component for Linux - System ROM U46

Version: 2.34_03-11-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel Whitley IPU2025.1 updates.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 04.04.04.702.

Problems Fixed:

- Addressed an issue where the system might RSOD when performing firmware update via Firmware Management Protocol.
- Addressed an issue where the system might not be able to update SR controller FW with BIOS legacy mode.
- Addressed an issue where the system might report intel_th_pci driver probe failed in a Linux operating system.
- Addressed an issue where the system might fail to update NVMe drive firmware.
- Addressed an issue where the system would use UUID for IPV6 DHCP when DUID-LLT is selected.
- Addressed an issue where the system iLO remote console might hang when the System Utilities Language is set to Japanese.
- Addressed an issue where the system might bring up a warning message ("ERST: [Firmware Warn]: too many record IDs!") in the Linux environment during boot up.
- Addressed an issue where the system might log "RESTful API Error - Unable to communicate with iLO FW. BIOS config resources may not be up-to-date".
- Addressed an issue where the system Server Configuration Lock knobs cannot be modified via Redfish.
- Added Zilia DIMM manufacturer ID for SMBIOS information.
- Fixed an issue where the firmware versions of iLO and Backplane showed incorrectly.

- Addressed an issue where system may fail Windows Server HSTI test.
- Addressed an issue where the PCIe link speed of Microchip AROC Gen10 SR controller (AROC controller) may downgrade.

Enhancements:

- Added pop-up message for all Intelligent Provisioning boot paths to warn users of the risk of data loss.
- Added new Secure Boot Key Microsoft Option Rom UEFI CA 2023.

Online ROM Flash Component for Linux - System ROM U60

Version: 2.34_03-11-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2025.1 guidance.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 06.00.03.700.

Problems Fixed:

- Addressed an issue where system may fail to update NVMe drive firmware.
- Addressed an issue where the system might not be able to update SR controller FW with BIOS legacy mode.
- Addressed an issue where the system would use UUID for IPV6 DHCP when "RBSU¥Network Options¥Network Boot Options¥IPv6 DHCP Unique Identifier¥DUID-LLT" is selected.
- Addressed an issue where the system iLO remote console might hang when the System Utilities Language is set to Japanese.
- Addressed an issue where the system might bring up a warning message ("ERST: [Firmware Warn]: too many record IDs!") in the Linux environment during boot up.
- Addressed an issue where the system might log "RESTful API Error - Unable to communicate with iLO FW. BIOS config resources may not be up-to-date."
- Addressed an issue where the system Server Configuration Lock knobs cannot be modified via Redfish.
- Addressed an issue where the iLO FW version would miss a prefix "0" at minor version in RBSU.

Enhancements:

- Added pop-up message for all Intelligent Provisioning boot paths to warn users of the risk of data loss.
- Added new Microsoft Option Rom UEFI CA 2023 secure boot key.

Online ROM Flash Component for Linux - System ROM U61

Version: 2.34_03-11-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2025.1 guidance.

- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 06.00.03.700.

Problems Fixed:

- Addressed an issue where system may fail to update NVMe drive firmware.
- Addressed an issue where the system might not be able to update SR controller FW with BIOS legacy mode.
- Addressed an issue where the system would use UUID for IPV6 DHCP when "RBSU¥Network Options¥Network Boot Options¥IPv6 DHCP Unique Identifier¥DUID-LLT" is selected.
- Addressed an issue where the system iLO remote console might hang when the System Utilities Language is set to Japanese.
- Addressed an issue where the system might bring up a warning message ("ERST: [Firmware Warn]: too many record IDs!") in the Linux environment during boot up.
- Addressed an issue where the system might log "RESTful API Error - Unable to communicate with iLO FW. BIOS config resources may not be up-to-date."
- Addressed an issue where the system Server Configuration Lock knobs cannot be modified via Redfish.
- Addressed an issue where the iLO FW version would miss a prefix "0" at minor version in RBSU.

Enhancements:

- Added pop-up message for all Intelligent Provisioning boot paths to warn users of the risk of data loss.
- Added new Microsoft Option Rom UEFI CA 2023 secure boot key.

Online ROM Flash Component for Windows x64 - System ROM U34

Version: 3.40_01-16-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel IPU2025.1 updates.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 04.01.05.105.

Problems Fixed:

- Addressed an issue where the system would uses UUID for IPV6 DHCP even when DUID-LLT is selected.
- Fixed an issue where system may reboot infinitely when a faulty PCIE card was installed.
- Fixed an issue where the firmware versions of iLO and Backplane showed incorrectly.
- Addressed an issue where system was not compliant with Windows Server HSTI requirement.

Online ROM Flash Component for Windows x64 - System ROM U30

Version: 3.40_01-16-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel IPU2025.1 updates.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 04.01.05.105.

Problems Fixed:

- Addressed an issue where the system would uses UUID for IPV6 DHCP even when DUID-LLT is selected.
- Fixed an issue where system may reboot infinitely when a faulty PCIE card was installed.
- Fixed an issue where the firmware versions of iLO and Backplane showed incorrectly.
- Addressed an issue where system was not compliant with Windows Server HSTI requirement.

Online ROM Flash Component for Windows x64 - System ROM U32

Version: 3.40_01-16-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel IPU2025.1 updates.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 04.01.05.105.

Problems Fixed:

- Addressed an issue where the system would uses UUID for IPV6 DHCP even when DUID-LLT is selected.
- Fixed an issue where system may reboot infinitely when a faulty PCIE card was installed.
- Fixed an issue where the firmware versions of iLO and Backplane showed incorrectly.
- Addressed an issue where system was not compliant with Windows Server HSTI requirement.

Online ROM Flash Component for Windows x64 - System ROM U41

Version: 3.40_01-16-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel IPU2025.1 updates.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 04.01.05.105.

Problems Fixed:

- Addressed an issue where the system would uses UUID for IPV6 DHCP even when DUID-LLT is selected.
- Fixed an issue where system may reboot infinitely when a faulty PCIE card was installed.
- Fixed an issue where the firmware versions of iLO and Backplane showed incorrectly.
- Addressed an issue where system was not compliant with Windows Server HSTI requirement.

Online ROM Flash Component for Windows x64 - System ROM U43

Version: 3.52_02-21-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2025.1 guidance.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 05.01.05.005.

Problems Fixed:

- Addressed an issue where the system iLO remote console might hang when the System Utilities Language is set to Japanese.
- Addressed an issue where the system would use UUID for IPV6 DHCP when "RBSU¥Network Options¥Network Boot Options¥IPv6 DHCP Unique Identifier¥DUID-LLT" is selected.

Enhancements/New Features:

- Added pop-up message for all Intelligent Provisioning boot paths to warn users of the risk of data loss.

Online ROM Flash Component for Windows x64 - System ROM U44

Version: 3.52_02-21-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2025.1 guidance.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 05.01.05.005.

Problems Fixed:

- Addressed an issue where the system iLO remote console might hang when the System Utilities Language is set to Japanese.
- Addressed an issue where the system would use UUID for IPV6 DHCP when "RBSU¥Network Options¥Network Boot Options¥IPv6 DHCP Unique Identifier¥DUID-LLT" is selected.

Enhancements/New Features:

- Added pop-up message for all Intelligent Provisioning boot paths to warn users of the risk of data loss.

Online ROM Flash Component for Windows x64 - System ROM U46

Version: 2.34_03-11-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel Whitley IPU2025.1 updates.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 04.04.04.702.

Problems Fixed:

- Addressed an issue where the system might RSOD when performing firmware update via Firmware Management Protocol.
- Addressed an issue where the system might not be able to update SR controller FW with BIOS legacy mode.
- Addressed an issue where the system might report intel_th_pci driver probe failed in a Linux operating system.
- Addressed an issue where the system might fail to update NVMe drive firmware.
- Addressed an issue where the system would use UUID for IPV6 DHCP when DUID-LLT is selected.
- Addressed an issue where the system iLO remote console might hang when the System Utilities Language is set to Japanese.
- Addressed an issue where the system might bring up a warning message ("ERST: [Firmware Warn]: too many record IDs!") in the Linux environment during boot up.
- Addressed an issue where the system might log "RESTful API Error - Unable to communicate with iLO FW. BIOS config resources may not be up-to-date".
- Addressed an issue where the system Server Configuration Lock knobs cannot be modified via Redfish.
- Added Zilia DIMM manufacturer ID for SMBIOS information.
- Fixed an issue where the firmware versions of iLO and Backplane showed incorrectly.
- Addressed an issue where system may fail Windows Server HSTI test.
- Addressed an issue where the PCIe link speed of Microchip AROC Gen10 SR controller (AROC controller) may downgrade.

Enhancements:

- Added pop-up message for all Intelligent Provisioning boot paths to warn users of the risk of data loss.
- Added new Secure Boot Key Microsoft Option Rom UEFI CA 2023.

Online ROM Flash Component for Windows x64 - System ROM U60

Version: 2.34_03-11-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2025.1 guidance.

- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 06.00.03.700.

Problems Fixed:

- Addressed an issue where system may fail to update NVMe drive firmware.
- Addressed an issue where the system might not be able to update SR controller FW with BIOS legacy mode.
- Addressed an issue where the system would use UUID for IPV6 DHCP when "RBSU¥Network Options¥Network Boot Options¥IPv6 DHCP Unique Identifier¥DUID-LLT" is selected.
- Addressed an issue where the system iLO remote console might hang when the System Utilities Language is set to Japanese.
- Addressed an issue where the system might bring up a warning message ("ERST: [Firmware Warn]: too many record IDs!") in the Linux environment during boot up.
- Addressed an issue where the system might log "RESTful API Error - Unable to communicate with iLO FW. BIOS config resources may not be up-to-date."
- Addressed an issue where the system Server Configuration Lock knobs cannot be modified via Redfish.
- Addressed an issue where the iLO FW version would miss a prefix "0" at minor version in RBSU.

Enhancements:

- Added pop-up message for all Intelligent Provisioning boot paths to warn users of the risk of data loss.
- Added new Microsoft Option Rom UEFI CA 2023 secure boot key.

Online ROM Flash Component for Windows x64 - System ROM U61

Version: 2.34_03-11-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2025.1 guidance.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 06.00.03.700.

Problems Fixed:

- Addressed an issue where system may fail to update NVMe drive firmware.
- Addressed an issue where the system might not be able to update SR controller FW with BIOS legacy mode.
- Addressed an issue where the system would use UUID for IPV6 DHCP when "RBSU¥Network Options¥Network Boot Options¥IPv6 DHCP Unique Identifier¥DUID-LLT" is selected.
- Addressed an issue where the system iLO remote console might hang when the System Utilities Language is set to Japanese.
- Addressed an issue where the system might bring up a warning message ("ERST: [Firmware Warn]: too many record IDs!") in the Linux environment during boot up.
- Addressed an issue where the system might log "RESTful API Error - Unable to communicate with iLO FW.

BIOS config resources may not be up-to-date."

- Addressed an issue where the system Server Configuration Lock knobs cannot be modified via Redfish.
- Addressed an issue where the iLO FW version would miss a prefix "0" at minor version in RBSU.

Enhancements:

- Added pop-up message for all Intelligent Provisioning boot paths to warn users of the risk of data loss.
- Added new Microsoft Option Rom UEFI CA 2023 secure boot key.

ROM Flash Firmware Package - System ROM U34

Version: 3.40_01-16-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel IPU2025.1 updates.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 04.01.05.105.

Problems Fixed:

- Addressed an issue where the system would uses UUID for IPV6 DHCP even when DUID-LLT is selected.
- Fixed an issue where system may reboot infinitely when a faulty PCIE card was installed.
- Fixed an issue where the firmware versions of iLO and Backplane showed incorrectly.
- Addressed an issue where system was not compliant with Windows Server HSTI requirement.

ROM Flash Firmware Package - System ROM U30

Version: 3.40_01-16-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel IPU2025.1 updates.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 04.01.05.105.

Problems Fixed:

- Addressed an issue where the system would uses UUID for IPV6 DHCP even when DUID-LLT is selected.
- Fixed an issue where system may reboot infinitely when a faulty PCIE card was installed.
- Fixed an issue where the firmware versions of iLO and Backplane showed incorrectly.
- Addressed an issue where system was not compliant with Windows Server HSTI requirement.

ROM Flash Firmware Package - System ROM U32

Version: 3.40_01-16-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel IPU2025.1 updates.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 04.01.05.105.

Problems Fixed:

- Addressed an issue where the system would uses UUID for IPV6 DHCP even when DUID-LLT is selected.
- Fixed an issue where system may reboot infinitely when a faulty PCIE card was installed.
- Fixed an issue where the firmware versions of iLO and Backplane showed incorrectly.
- Addressed an issue where system was not compliant with Windows Server HSTI requirement.

ROM Flash Firmware Package - System ROM U41

Version: 3.40_01-16-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel IPU2025.1 updates.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 04.01.05.105.

Problems Fixed:

- Addressed an issue where the system would uses UUID for IPV6 DHCP even when DUID-LLT is selected.
- Fixed an issue where system may reboot infinitely when a faulty PCIE card was installed.
- Fixed an issue where the firmware versions of iLO and Backplane showed incorrectly.
- Addressed an issue where system was not compliant with Windows Server HSTI requirement.

ROM Flash Firmware Package - System ROM U43

Version: 3.52_02-21-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2025.1 guidance.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 05.01.05.005.

Problems Fixed:

- Addressed an issue where the system iLO remote console might hang when the System Utilities Language is set to Japanese.
- Addressed an issue where the system would use UUID for IPV6 DHCP when "RBSU¥Network Options¥Network Boot Options¥IPv6 DHCP Unique Identifier¥DUID-LLT" is selected.

Enhancements/New Features:

- Added pop-up message for all Intelligent Provisioning boot paths to warn users of the risk of data loss.

ROM Flash Firmware Package - System ROM U44

Version: 3.52_02-21-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2025.1 guidance.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 05.01.05.005.

Problems Fixed:

- Addressed an issue where the system iLO remote console might hang when the System Utilities Language is set to Japanese.
- Addressed an issue where the system would use UUID for IPV6 DHCP when "RBSU¥Network Options¥Network Boot Options¥IPv6 DHCP Unique Identifier¥DUID-LLT" is selected.

Enhancements/New Features:

- Added pop-up message for all Intelligent Provisioning boot paths to warn users of the risk of data loss.

ROM Flash Firmware Package - System ROM U46

Version: 2.34_03-11-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel Whitley IPU2025.1 updates.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 04.04.04.702.

Problems Fixed:

- Addressed an issue where the system might RSOD when performing firmware update via Firmware Management Protocol.
- Addressed an issue where the system might not be able to update SR controller FW with BIOS legacy mode.
- Addressed an issue where the system might report intel_th_pci driver probe failed in a Linux operating system.
- Addressed an issue where the system might fail to update NVMe drive firmware.
- Addressed an issue where the system would use UUID for IPV6 DHCP when DUID-LLT is selected.
- Addressed an issue where the system iLO remote console might hang when the System Utilities

Language is set to Japanese.

- Addressed an issue where the system might bring up a warning message ("ERST: [Firmware Warn]: too many record IDs!") in the Linux environment during boot up.
- Addressed an issue where the system might log "RESTful API Error - Unable to communicate with iLO FW. BIOS config resources may not be up-to-date".
- Addressed an issue where the system Server Configuration Lock knobs cannot be modified via Redfish.
- Added Zilia DIMM manufacturer ID for SMBIOS information.
- Fixed an issue where the firmware versions of iLO and Backplane showed incorrectly.
- Addressed an issue where system may fail Windows Server HSTI test.
- Addressed an issue where the PCIe link speed of Microchip AROC Gen10 SR controller (AROC controller) may downgrade.

Enhancements:

- Added pop-up message for all Intelligent Provisioning boot paths to warn users of the risk of data loss.
- Added new Secure Boot Key Microsoft Option Rom UEFI CA 2023.

ROM Flash Firmware Package - System ROM U60

Version: 2.34_03-11-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2025.1 guidance.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 06.00.03.700.

Problems Fixed:

- Addressed an issue where system may fail to update NVMe drive firmware.
- Addressed an issue where the system might not be able to update SR controller FW with BIOS legacy mode.
- Addressed an issue where the system would use UUID for IPV6 DHCP when "RBSU¥Network Options¥Network Boot Options¥IPv6 DHCP Unique Identifier¥DUID-LLT" is selected.
- Addressed an issue where the system iLO remote console might hang when the System Utilities Language is set to Japanese.
- Addressed an issue where the system might bring up a warning message ("ERST: [Firmware Warn]: too many record IDs!") in the Linux environment during boot up.
- Addressed an issue where the system might log "RESTful API Error - Unable to communicate with iLO FW. BIOS config resources may not be up-to-date."
- Addressed an issue where the system Server Configuration Lock knobs cannot be modified via Redfish.
- Addressed an issue where the iLO FW version would miss a prefix "0" at minor version in RBSU.

Enhancements:

- Added pop-up message for all Intelligent Provisioning boot paths to warn users of the risk of data loss.
- Added new Microsoft Option Rom UEFI CA 2023 secure boot key.

ROM Flash Firmware Package - System ROM U61

Version: 2.34_03-11-2025

Important Notes:

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2025.1 guidance.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 06.00.03.700.

Problems Fixed:

- Addressed an issue where system may fail to update NVMe drive firmware.
- Addressed an issue where the system might not be able to update SR controller FW with BIOS legacy mode.
- Addressed an issue where the system would use UUID for IPV6 DHCP when "RBSU¥Network Options¥Network Boot Options¥IPv6 DHCP Unique Identifier¥DUID-LLT" is selected.
- Addressed an issue where the system iLO remote console might hang when the System Utilities Language is set to Japanese.
- Addressed an issue where the system might bring up a warning message ("ERST: [Firmware Warn]: too many record IDs!") in the Linux environment during boot up.
- Addressed an issue where the system might log "RESTful API Error - Unable to communicate with iLO FW. BIOS config resources may not be up-to-date."
- Addressed an issue where the system Server Configuration Lock knobs cannot be modified via Redfish.
- Addressed an issue where the iLO FW version would miss a prefix "0" at minor version in RBSU.

Enhancements:

- Added pop-up message for all Intelligent Provisioning boot paths to warn users of the risk of data loss.
- Added new Microsoft Option Rom UEFI CA 2023 secure boot key.

Online ROM Flash Component for Linux - iLO 5

Version: 3.10

Problems Fixed:

- Fixed an issue where the MCTP retry mechanism in i2c communication failed.
- Fixed an issue where the IPMI boot parameters were not functioning through the BMC IPMI interface.
- Fixed an issue where the Kerberos client advertised insecure encryption (RC4, DES) types and rejected the deprecated ones. As a part of this fix, RC4, DES, and 3DES algorithms are removed from the Kerberos

requests.

- Fixed an issue of firmware update failures by increasing the time delay between retries for PCIe VDM transmit buffer.
- Fixed an issue for the sensor values that were reported in the GET_SENSOR response though these sensors were marked as non-supported in the PDR table.
- Fixed the issue with missing storage controller condition values with the IDA condition for the MIB status array for the SR Controller Gen 10 Smart Array and MR Controller Gen 10 Smart Array.
- Fixed an issue of abnormal noise in the fans of ML350 Gen10 and DL360 Gen10 servers during POST across newer iLO 5 firmware versions.
- Fixed an issue where iLO RIBCL queries generated incorrect CAPACITY VALUE responses.
- Fixed an issue where fetching the email details of an LDAP user where DistinguishedName containing special characters were causing the two-factor authentication process to fail.
- Fixed an issue where the hpsetup/secureflash engine reports the iLO 5 firmware update as a failure.
- Fixed the cpqHoMIBStatusArray status issue that did not get updated with proper details when a drive attached to Smart Array P408i-a SR controller failed or degraded.
- Fixed an incorrect AMS status (Not Available) that appeared on the iLO interfaces while operating system indicated AMS status as running.

Online ROM Flash Component for Windows x64 - iLO 5

Version: 3.10

Problems Fixed:

- Fixed an issue where the MCTP retry mechanism in i2c communication failed.
- Fixed an issue where the IPMI boot parameters were not functioning through the BMC IPMI interface.
- Fixed an issue where the Kerberos client advertised insecure encryption (RC4, DES) types and rejected the deprecated ones. As a part of this fix, RC4, DES, and 3DES algorithms are removed from the Kerberos requests.
- Fixed an issue of firmware update failures by increasing the time delay between retries for PCIe VDM transmit buffer.
- Fixed an issue for the sensor values that were reported in the GET_SENSOR response though these sensors were marked as non-supported in the PDR table.
- Fixed the issue with missing storage controller condition values with the IDA condition for the MIB status array for the SR Controller Gen 10 Smart Array and MR Controller Gen 10 Smart Array.
- Fixed an issue of abnormal noise in the fans of ML350 Gen10 and DL360 Gen10 servers during POST across newer iLO 5 firmware versions.
- Fixed an issue where iLO RIBCL queries generated incorrect CAPACITY VALUE responses.
- Fixed an issue where fetching the email details of an LDAP user where DistinguishedName containing special characters were causing the two-factor authentication process to fail.
- Fixed an issue where the hpsetup/secureflash engine reports the iLO 5 firmware update as a failure.
- Fixed the cpqHoMIBStatusArray status issue that did not get updated with proper details when a drive attached to Smart Array P408i-a SR controller failed or degraded.

- Fixed an incorrect AMS status (Not Available) that appeared on the iLO interfaces while operating system indicated AMS status as running.

Online ROM Flash Firmware Package - iLO 5

Version: 3.10

Problems Fixed:

- Fixed an issue where the MCTP retry mechanism in i2c communication failed.
- Fixed an issue where the IPMI boot parameters were not functioning through the BMC IPMI interface.
- Fixed an issue where the Kerberos client advertised insecure encryption (RC4, DES) types and rejected the deprecated ones. As a part of this fix, RC4, DES, and 3DES algorithms are removed from the Kerberos requests.
- Fixed an issue of firmware update failures by increasing the time delay between retries for PCIe VDM transmit buffer.
- Fixed an issue for the sensor values that were reported in the GET_SENSOR response though these sensors were marked as non-supported in the PDR table.
- Fixed the issue with missing storage controller condition values with the IDA condition for the MIB status array for the SR Controller Gen 10 Smart Array and MR Controller Gen 10 Smart Array.
- Fixed an issue of abnormal noise in the fans of ML350 Gen10 and DL360 Gen10 servers during POST across newer iLO 5 firmware versions.
- Fixed an issue where iLO RIBCL queries generated incorrect CAPACITY VALUE responses.
- Fixed an issue where fetching the email details of an LDAP user where DistinguishedName containing special characters were causing the two-factor authentication process to fail.
- Fixed an issue where the hpsetup/secureflash engine reports the iLO 5 firmware update as a failure.
- Fixed the cpqHoMIBStatusArray status issue that did not get updated with proper details when a drive attached to Smart Array P408i-a SR controller failed or degraded.
- Fixed an incorrect AMS status (Not Available) that appeared on the iLO interfaces while operating system indicated AMS status as running.

Identifiers for Intel Xeon E-22xx Processor for Microsoft Windows

Version: 10.1.19928.8615 (Optional)

Enhancements

- Updated Supported Environments
- Updated Supported Platforms

Identifiers for Intel Xeon E-23xx Processor for Microsoft Windows

Version: 10.1.19886.8592 (Optional)

Enhancements

- Updated Supported Environments

Identifiers for Intel Xeon Scalable Processors (First and Second Generation) for Microsoft Windows

Version: 10.1.19006.8299 (D) (Optional)

Enhancements

- Updated Supported Environments

Identifiers for Intel Xeon Scalable Processors (Third Generation) for Microsoft Windows

Version: 10.1.19879.8585 (B) (Optional)

Enhancements

- Updated Supported Environments

Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022

Version: 232.0.155.7 (Recommended)

Important Note!

- HPE recommends the firmware provided in Broadcom Firmware Package for BCM5741x, BCM5750x and BCM5760x adapters, version 232.1.132.8 or later, for use with this driver.

Fixes

This product fixes the issue where an unused release.txt file was not removed.

Enhancements

- This product enhances the reporting of a consistent PTP clock for NXE family devices.
- This product enhances device compatibility by adding the necessary PNP ID.

Supported Devices and Features

This product supports the following network adapters:

- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

Broadcom NetXtreme-E Driver for Microsoft Windows Server 2025

Version: 232.0.155.7 (Recommended)

Important Note!

- HPE recommends the firmware provided in Broadcom Firmware Package for BCM5741x, BCM5750x and BCM5760x adapters, version 232.1.132.8 or later, for use with this driver.

Fixes

This product fixes the issue where an unused release.txt file was not removed.

Enhancements

- This product enhances the reporting of a consistent PTP clock for NXE family devices.
- This product enhances device compatibility by adding the necessary PNP ID.

Supported Devices and Features

This product supports the following network adapters:

- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

Broadcom NX1 1Gb Driver for Windows Server x64 Editions

Version: 221.0.7.0 (B) (Recommended)

Important Note!

- HPE recommends the firmware provided in HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.3.0 or later, for use with this driver.

Enhancements

- This product enhances to enable RSS code to support systems with more than 256 CPU cores.
- This product enhances to support Wake-on-LAN with 1G connection.

Supported Devices and Features

This product supports the following network adapters:

- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T LOM Adapter for HPE
- Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE

HPE Broadcom NetXtreme-E Driver for Windows Server 2022

Version: 232.0.155.7 (Recommended)

Important Note!

Fixes

This product fixes the issue where an unused release.txt file was not removed.

Enhancements

- This product enhances the reporting of a consistent PTP clock for NXE family devices.
- This product enhances device compatibility by adding the necessary PNP ID.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 535FLR-T Adapter
- HPE Ethernet 10Gb 2-port 535T Adapter
- HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter

HPE Broadcom NetXtreme-E Driver for Windows Server 2025

Version: 232.0.155.7 (Recommended)

Important Note!

Fixes

This product fixes the issue where an unused release.txt file was not removed.

Enhancements

- This product enhances the reporting of a consistent PTP clock for NXE family devices.
- This product enhances device compatibility by adding the necessary PNP ID.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 535FLR-T Adapter
- HPE Ethernet 10Gb 2-port 535T Adapter
- HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter

HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8

Version: 1.10.3-232.0.155.5 (Recommended)

Important Note!

HPE recommends the HPE Broadcom NetXtreme-E Firmware Version, 232.1.132008 or later, for use with this driver.

Prerequisites

This product is required to unload inbox NIC driver before install OOB driver if user want OOB driver to take effect immediately. Otherwise, OOB driver will take effect after system reboot under inbox driver is loaded.

Fixes

- This product has fixed the ETS validation issue to prevent traffic class (TC) starvation caused by incorrect bandwidth allocation.
- This product fixes the issue where debugfs qp_info displays the UDP source port value incorrectly.
- This product fixes the issue where the device fails to unregister from PTP during shutdown or suspend.
- This product fixes the issue where IPv6 VXLAN decapsulation was not properly supported.
- This product fixes the issue where out-of-sequence (OOS) packets were being dropped.
- This product fixes the issue where flow priority levels 0-3 were not handled correctly.
- This product fixes the issue where the coredump file decoder crashes when generating a coredump summary.

Enhancements

- This product enhances to update the installation location for nicclilom to the correct path.
- This product enhances functionality by querying DCB settings when the NETDEV_CHANGE event occurs.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 535FLR-T Adapter
- HPE Ethernet 10Gb 2-port 535T Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter
- HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9

Version: 1.10.3-232.0.155.5 (Recommended)

Important Note!

HPE recommends the HPE Broadcom NetXtreme-E Firmware Version, 232.1.132008 or later, for use with this driver.

Prerequisites

This product is required to unload inbox NIC driver before install OOB driver if user want OOB driver to take effect immediately. Otherwise, OOB driver will take effect after system reboot under inbox driver is loaded.

Fixes

- This product has fixed the ETS validation issue to prevent traffic class (TC) starvation caused by incorrect bandwidth allocation.
- This product fixes the issue where debugfs qp_info displays the UDP source port value incorrectly.
- This product fixes the issue where the device fails to unregister from PTP during shutdown or suspend.
- This product fixes the issue where IPv6 VXLAN decapsulation was not properly supported.
- This product fixes the issue where out-of-sequence (OOS) packets were being dropped.
- This product fixes the issue where flow priority levels 0-3 were not handled correctly.
- This product fixes the issue where the coredump file decoder crashes when generating a coredump summary.

Enhancements

- This product enhances to update the installation location for nicclilom to the correct path.
- This product enhances functionality by querying DCB settings when the NETDEV_CHANGE event

occurs.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 535FLR-T Adapter
- HPE Ethernet 10Gb 2-port 535T Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter
- HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0

Version: 2025.03.00 (Recommended)

Important Note!

- This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.
- HPE recommends the HPE Broadcom NetXtreme-E Firmware Version, 232.1.132008 or later, for use with this driver.

Enhancements

- This product enhances to add support for Tunnel based TPA (TCP Packet Aggregation).
- This product enhances the coredump feature for generating the summary of a coredump file.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 535FLR-T Adapter
- HPE Ethernet 10Gb 2-port 535T Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter
- HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0

Version: 2025.03.00 (Recommended)

Important Note!

- This component is intended to be used by HPE applications. It is a zip file that contains the same

driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.

- HPE recommends the HPE Broadcom NetXtreme-E Firmware Version, 232.1.132008 or later, for use with this driver.

Enhancements

Initial release.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 535FLR-T Adapter
- HPE Ethernet 10Gb 2-port 535T Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter
- HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 10.

Version: 232.0.155.5 (Recommended)

Prerequisites

HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8, version 1.10.3- 232.0.155.5 or later, must be installed before installing this product.The libibverb and rdma-core package must be installed on the target system prior to the installation of the RoCE library. If not already present, the packages can be obtained from the operating system installation media.

Fixes

- This product fixes the issue where Dynamic Interrupt Moderation fails to shut down properly.
- This product fixes the issue where the coredump file decoder crashes when generating the summary of a coredump file.

Enhancements

This product enhances RDMA functionality by enabling the RDMA flag update based on firmware capability.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 535FLR-T Adapter
- HPE Ethernet 10Gb 2-port 535T Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter
- HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter

- HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 9.

Version: 232.0.155.5 (Recommended)

Prerequisites

HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8, version 1.10.3- 232.0.155.5 or later, must be installed before installing this product.The libibverb and rdma-core package must be installed on the target system prior to the installation of the RoCE library. If not already present, the packages can be obtained from the operating system installation media.

Fixes

- This product fixes the issue where Dynamic Interrupt Moderation fails to shut down properly.
- This product fixes the issue where the coredump file decoder crashes when generating the summary of a coredump file.

Enhancements

This product enhances RDMA functionality by enabling the RDMA flag update based on firmware capability.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 535FLR-T Adapter
- HPE Ethernet 10Gb 2-port 535T Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter
- HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 4.

Version: 232.0.155.5 (Recommended)

Prerequisites

HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9, version 1.10.3- 232.0.155.5 or later, must be installed before installing this product.The libibverb and rdma-core package must be installed on the target system prior to the installation of the RoCE library. If not already present, the packages can be obtained from the operating system installation media.

Fixes

- This product fixes the issue where Dynamic Interrupt Moderation fails to shut down properly.
- This product fixes the issue where the coredump file decoder crashes when generating the summary of a coredump file.

Enhancements

This product enhances RDMA functionality by enabling the RDMA flag update based on firmware capability.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 535FLR-T Adapter
- HPE Ethernet 10Gb 2-port 535T Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter
- HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions

Version: 221.0.7.0 (B) (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.3.0 or later, for use with this driver.

Enhancements

- This product enhances to enable RSS code to support systems with more than 256 CPU cores.
- This product enhances to support Wake-on-LAN with 1G connection.

Supported Devices and Features

This driver supports the following network adapters:

- HPE Ethernet 1Gb 4-port 331i Adapter (22BE)
- HPE Ethernet 1Gb 4-port 331FLR Adapter
- HPE Ethernet 1Gb 4-port 331T Adapter
- HPE Ethernet 1Gb 2-port 332i Adapter (22E8)
- HPE Ethernet 1Gb 2-port 332T Adapter

HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8

Version: 3.139q-1 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE NX1 Broadcom Online Firmware Upgrade Utility for Linux x86_64, version 2.40.x or later, for use with these drivers.

Prerequisites

This product is required to unload inbox NIC driver before install OOB driver if user want OOB driver to take effect immediately. Otherwise, OOB driver will take effect after system reboot under inbox driver is loaded.

Fixes

This product fix issue where tg3 driver doesn't report correct tg3 driver name in dmesg.

Supported Devices and Features

These drivers support the following network adapters:

- HPE Ethernet 1Gb 4-port 331i Adapter (22BE)
- HPE Ethernet 1Gb 4-port 331FLR Adapter
- HPE Ethernet 1Gb 4-port 331T Adapter
- HPE Ethernet 1Gb 2-port 332i Adapter (22E8)
- HPE Ethernet 1Gb 2-port 332T Adapter
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE
- Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T LOM Adapter for HPE

HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 9

Version: 3.139q-1 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE NX1 Broadcom Online Firmware Upgrade Utility for Linux x86_64, version 2.40.x or later, for use with these drivers.

Prerequisites

This product is required to unload inbox NIC driver before install OOB driver if user want OOB driver to take effect immediately. Otherwise, OOB driver will take effect after system reboot under inbox driver is loaded.

Fixes

This product fix issue where tg3 driver doesn't report correct tg3 driver name in dmesg.

Supported Devices and Features

These drivers support the following network adapters:

- HPE Ethernet 1Gb 4-port 331i Adapter (22BE)
- HPE Ethernet 1Gb 4-port 331FLR Adapter
- HPE Ethernet 1Gb 4-port 331T Adapter

- HPE Ethernet 1Gb 2-port 332i Adapter (22E8)
- HPE Ethernet 1Gb 2-port 332T Adapter
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE
- Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T LOM Adapter for HPE

HPE Intel E1R Driver for Windows Server 2019

Version: 14.0.5.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.2.0 or later, for use with this driver.

Enhancements

This product enhanced the compatibility with firmware of Fortville 9.5.

Supported Devices and Features

This driver supports the following HPE Intel E1R network adapters:

- HP Ethernet 1Gb 2-port 361i Adapter
- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter

HPE Intel E1R Driver for Windows Server 2022

Version: 14.0.5.0 (B) (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.2.0 or later, for use with this driver.

Enhancements

This product now supports Azure Stack HCI OS.

Supported Devices and Features

This driver supports the following HPE Intel E1R network adapters:

- HP Ethernet 1Gb 2-port 361i Adapter
- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter

HPE Intel E1R Driver for Windows Server 2025

Version: 14.1.5.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.3.0 or later, for use with this driver.

Enhancements

Initial version.

Supported Devices and Features

This driver supports the following HPE Intel E1R network adapters:

- HP Ethernet 1Gb 2-port 361i Adapter
- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter

HPE Intel i40e Drivers for Red Hat Enterprise Linux 8

Version: 2.26.8-1 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.32.0 or later, for use with these drivers.

Fixes

This product fixes warning message: index 1 is out of range.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 369i Adapter
- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter
- HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter

HPE Intel i40e Drivers for Red Hat Enterprise Linux 9

Version: 2.26.8-1 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.32.0 or later, for use with these drivers.

Fixes

This product fixes warning message: index 1 is out of range.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 369i Adapter
- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter

HPE Intel i40ea Driver for Windows Server 2019

Version: 1.19.164.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.2.0 or later, for use with this driver.

Enhancements

This product enhanced the compatibility with firmware of Fortville 9.5.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter

HPE Intel i40ea Driver for Windows Server 2022

Version: 1.19.165.0 (B) (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.2.0 or later, for use with this driver.

Enhancements

This product now supports Azure Stack HCI OS.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter

HPE Intel i40eb Driver for Windows Server 2019

Version: 1.19.164.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.2.0 or later, for use with this driver.

Enhancements

This product enhanced the compatibility with firmware of Fortville 9.5.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 369i Adapter

HPE Intel i40eb Driver for Windows Server 2022

Version: 1.19.164.0 (B) (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.2.0 or later, for use with this driver.

Enhancements

This product now supports Azure Stack HCI OS.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 369i Adapter

HPE Intel i40eb Driver for Windows Server 2025

Version: 1.19.267.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.3.0 or later, for use with this driver.

Enhancements

Initial version.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 369i Adapter

HPE Intel i40en Driver for VMware vSphere 8.0

Version: 2024.11.00 (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for VMware, version 3.25.0 or later, for use with this driver.

Fixes

- This product addressed the multicast traffic handling on PF0.
- This product addressed the per-queue statistics for native mode.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 369i Adapter
- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter
- HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter

HPE Intel i40en Driver for VMware vSphere 9.0

Version: 2025.03.00 (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for VMware, version 3.25.0 or later, for use with this driver.

Enhancements

Initial version for VMware 9.0.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 369i Adapter
- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter
- HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter

HPE Intel iavf Drivers for Red Hat Enterprise Linux 8

Version: 4.12.5-1 (Recommended)

Important Note!

HPE recommends the firmware provided below,

- HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.32.0 or later, for use with these drivers.
- Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.32.0 or later, for use with these drivers.
- Intel Firmware Package For E810, version 4.60 or later for use with these drivers.

Fixes

This product fixes the ethtool set_channles timeout when RDMA is loaded.

Enhancements

This product now sets the minimum number of allocated queues to 4.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 369i Adapter
- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter
- HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter
- Intel E810-2CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 MCLK Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

HPE Intel iavf Drivers for Red Hat Enterprise Linux 9

Version: 4.12.5-1 (B) (Recommended)

Important Note!

HPE recommends the firmware provided below,

- HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.32.0 or later, for use with these drivers.
- Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.32.0 or later, for use with these drivers.
- Intel Firmware Package For E810, version 4.60 or later for use with these drivers.

Enhancements

This product is now supported on a new platform.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 369i Adapter
- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter
- HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter
- Intel E810-2CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE

- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 MCLK Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

HPE Intel igb Drivers for Red Hat Enterprise Linux 8

Version: 6.17.4-1 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.32.0 or later, for use with these drivers.

Fixes

This product fixes the kernel compilation issue.

Supported Devices and Features

These drivers support the following network adapters:

- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 2-port 361i Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter
- Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE
- Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE
- Intel(R) I350 Gigabit Network Connection

HPE Intel igb Drivers for Red Hat Enterprise Linux 9

Version: 5.17.4-1 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.32.0 or later, for use with these drivers.

Fixes

This product fixes the kernel compilation issue.

Supported Devices and Features

These drivers support the following network adapters:

- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 2-port 361i Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter
- Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE

- Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE
- Intel(R) I350 Gigabit Network Connection

HPE Intel igbn Driver for VMware vSphere 8.0

Version: 2024.09.00 (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for VMware, version 3.24.0 or later, for use with this driver.

Enhancements

This product added support to new Gen11 servers.

Supported Devices and Features

These drivers support the following network adapters:

- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 2-port 361i Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter
- Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE
- Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE
- Intel(R) I350 Gigabit Network Connection

HPE Intel igbn Driver for VMware vSphere 9.0

Version: 2025.03.00 (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for VMware, version 3.24.0 or later, for use with this driver.

Enhancements

Initial version.

Supported Devices and Features

These drivers support the following network adapters:

- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 2-port 361i Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter

- Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE
- Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE
- Intel(R) I350 Gigabit Network Connection

HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 8

Version: 5.21.5-1 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.32.0 or later, for use with these drivers.

Fixes

This product fixes the kernel compilation issue.

Supported Devices and Features

These drivers support the following network adapters:

- HPE Ethernet 10Gb 2-port 562T Adapter
- HPE Ethernet 10Gb 2-port 562FLR-T Adapter

HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 9

Version: 5.21.5-1 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.32.0 or later, for use with these drivers.

Fixes

This product fixes the kernel compilation issue.

Supported Devices and Features

These drivers support the following network adapters:

- HPE Ethernet 10Gb 2-port 562T Adapter
- HPE Ethernet 10Gb 2-port 562FLR-T Adapter

HPE Intel ixgben Driver for VMware vSphere 8.0

Version: 2024.03.00 (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for VMware, version 3.23.0 or later, for use with this driver.

Enhancements

This product enhanced the compatibility with firmware of Fortville 9.4.

Supported Devices and Features

These drivers support the following network adapters:

- HPE Ethernet 10Gb 2-port 562T Adapter
- HPE Ethernet 10Gb 2-port 562FLR-T Adapter

HPE Intel ixgben Driver for VMware vSphere 9.0

Version: 2025.03.00 (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for VMware, version 3.23.0 or later, for use with this driver.

Enhancements

Initial version for VMware 9.0.

Supported Devices and Features

These drivers support the following network adapters:

- HPE Ethernet 10Gb 2-port 562T Adapter
- HPE Ethernet 10Gb 2-port 562FLR-T Adapter

HPE Intel ixgbevf Drivers for Red Hat Enterprise Linux 8

Version: 4.20.5-1 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.32.0 or later, for use with these drivers.

Fixes

This product fixes the kernel compilation issue.

Supported Devices and Features

These drivers support the following network adapters:

- HPE Ethernet 10Gb 2-port 562T Adapter
- HPE Ethernet 10Gb 2-port 562FLR-T Adapter

HPE Intel ixgbevf Drivers for Red Hat Enterprise Linux 9

Version: 4.20.5-1 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.32.0 or later, for use with these drivers.

Fixes

This product fixes the kernel compilation issue.

Supported Devices and Features

These drivers support the following network adapters:

- HPE Ethernet 10Gb 2-port 562T Adapter
- HPE Ethernet 10Gb 2-port 562FLR-T Adapter

HPE Intel ixs Driver for Windows Server 2019

Version: 4.1.254.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.2.0 or later, for use with this driver.

Enhancements

This product enhanced the compatibility with the new firmware.

Supported Devices and Features

This driver supports the following network adapters:

- HPE Ethernet 10Gb 2-port 562FLR-T Adapter
- HPE Ethernet 10Gb 2-port 562T Adapter

HPE Intel ixs Driver for Windows Server 2022

Version: 4.1.254.0 (B) (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.2.0 or later, for use with this driver.

Enhancements

This product now supports Azure Stack HCI OS.

Supported Devices and Features

This driver supports the following network adapters:

- HPE Ethernet 10Gb 2-port 562FLR-T Adapter
- HPE Ethernet 10Gb 2-port 562T Adapter

HPE Intel ixs Driver for Windows Server 2025

Version: 4.2.6.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.3.0 or later, for use with this driver.

Enhancements

Initial version.

Supported Devices and Features

This driver supports the following network adapters:

- HPE Ethernet 10Gb 2-port 562FLR-T Adapter
- HPE Ethernet 10Gb 2-port 562T Adapter

HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2019

Version: 24.10.26603.0 (Recommended)

Fixes

- This product fixed an issue that prevented the VF diagnostic counters from being shown when assigned a VF from multiple adapters to the same VM, queried for counters and removed all VFs from one adapter.
- This product fixed a rare case when polling returns wrong request context.

Enhancements

- Added a new counter "Allocated Memory Pages" to show the number of memory pages (4KB) allocated to the firmware from the host system.
- MlxNdPerf now supports bandwidth tests with multiple QPs.
- Added support for dynamic steering rule insertion in DevX interface.

Supported Devices and Features

This driver supports the following network adapters:

- HPE Ethernet 25Gb 2-port 640SFP28 Adapter
- HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter

HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2022

Version: 24.10.26603.0 (Recommended)

Fixes

- This product fixed an issue that prevented the VF diagnostic counters from being shown when assigned a VF from multiple adapters to the same VM, queried for counters and removed all VFs from one adapter.
- This product fixed a rare case when polling returns wrong request context.

Enhancements

- Added a new counter "Allocated Memory Pages" to show the number of memory pages (4KB) allocated to the firmware from the host system.

- MlxNdPerf now supports bandwidth tests with multiple QPs.
- Added support for dynamic steering rule insertion in DevX interface.

Supported Devices and Features

This driver supports the following network adapters:

- HPE Ethernet 25Gb 2-port 640SFP28 Adapter
- HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter

HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2025

Version: 24.10.26603.0 (Recommended)

Fixes

- This product fixed an issue that prevented the VF diagnostic counters from being shown when assigned a VF from multiple adapters to the same VM, queried for counters and removed all VFs from one adapter.
- This product fixed a rare case when polling returns wrong request context.

Enhancements

- Added a new counter "Allocated Memory Pages" to show the number of memory pages (4KB) allocated to the firmware from the host system.
- MlxNdPerf now supports bandwidth tests with multiple QPs.
- Added support for dynamic steering rule insertion in DevX interface.

Supported Devices and Features

This driver supports the following network adapters:

- HPE Ethernet 25Gb 2-port 640SFP28 Adapter
- HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter

HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 10 (x86_64)

Version: 4.30.0-139 (Optional)

Fixes

MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode.

Enhancements

MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode.

Supported Devices and Features

SUPPORTED KERNELS:The kernels of Red Hat Enterprise Linux 8 update 10 (x86_64) supported by this binary rpm are:4.18.0-553.el8_10 - (x86_64) and future update kernels.

HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 9 (x86_64)

Version: 4.30.0-139 (Optional)

Fixes

MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode.

Enhancements

MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode.

Supported Devices and Features

SUPPORTED KERNELS:The kernels of Red Hat Enterprise Linux 8 update 9 (x86_64) supported by this binary rpm are:4.18.0-513.5.1.el8_9 - (x86_64) and future update kernels.

HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 4 (x86_64)

Version: 4.30.0-139 (Optional)

Fixes

MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode.

Enhancements

MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode.

Supported Devices and Features

SUPPORTED KERNELS:The kernels of Red Hat Enterprise Linux 9 update 4 (x86_64) supported by this binary rpm are:5.14.0-427.13.1.el9_4- (x86_64) and future update kernels.

Version: 4.30.1-8 (Optional)

Fixes

MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode.

Enhancements

MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode.

Supported Devices and Features

Hat Enterprise Linux 8 Update 10 (x86_64)

Version: 24.10-0.7.0.1 (Recommended)

Important Note!

Mellanox Ethernet + RoCE Linux driver (mlnx-ofa_kernel RPMs) supports only Ethernet mode of operation with RoCE (RDMA over Converged Ethernet) functionality for HPE Mellanox Ethernet-only adapters and HPE Mellanox VPI (Virtual Protocol Interconnect) adapters configured to operate in Ethernet mode. For customers requiring complete InfiniBand functionality or "InfiniBand + Ethernet" modes of operation on

the same node, install HPE signed MLNX-OFED drivers from Linux Software Delivery Repository (https://downloads.linux.hpe.com/SDR/project/mlnx_ofed_cx4plus/).

Fixes

The following issues have been fixed in version 24.10-0.7.0.1:

- The udev rule included an invalid line in its syntax that triggered the error message: "/usr/lib/udev/rules.d/90-ib.rules:4 Only network interfaces can be renamed".
- "rdma-core" build failure due to the following symbol issues in rdma-core: 1) mad_register_port_client() symbol did not need to be exported 2) The XDR speed decoding functions were not properly exported.
- When trying to configure the initiator/responder depth to 12, the driver actually configured the depth to 8 (power of 2 rounded down), and the user received an RDMA NAK when RDMA read requests were posted.

Enhancements

The following new features and changes have been included in version 24.10-0.7.0.1:

- [Beta] Added support for QoS scheduling across multiple E-Switches grouped in a LAG. VPort members of a Physical Function can be added to a rate group from another Physical Function and rate limits of the group will apply to those VPort members as well.
- Added kernel support for monitoring RDMA events from userspace. Using the netlink or the RDMA tool, users will be able to monitor the InfiniBand device events and changes such as device register, device unregister and netdev attachment/detachment.
- Added the "irqs" directory inside the SF sysfs directory to provide the users information about the mapping of SFs and their IRQs.
- Added support for setting a maximum number of completion EQs for SFs.
- Added support for up to 23 bits for uar_page_index in create_cq flow. This allows the user to perform create_cq with a uar_page_index larger than 2^16 as supported by the hardware/firmware.
- [Beta] Added support for specifying bandwidth proportions between traffic classes (TC) in the devlink-rate API. This new option allows users to allocate bandwidth across multiple traffic classes in a single command. This feature provides a more granular control over traffic management, especially for scenarios requiring Enhanced Transmission Selection. Users can now define a specific bandwidth share for each traffic class, such as allocating 20% for TC0 (TCP/UDP) and 80% for TC5 (RoCE).

Supported Devices and Features

SUPPORTED KERNELS:The kernels of Red Hat Enterprise Linux 8 update 10 (x86_64) supported by this binary rpm are:

- 4.18.0-553.el8_10 (x86_64) and future update kernels.

HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 8 Update 9 (x86_64)

Version: 24.10-0.7.0.1 (Recommended)

Important Note!

Mellanox Ethernet + RoCE Linux driver (mlnx-ofa_kernel RPMs) supports only Ethernet mode of operation with RoCE (RDMA over Converged Ethernet) functionality for HPE Mellanox Ethernet-only adapters and HPE Mellanox VPI (Virtual Protocol Interconnect) adapters configured to operate in Ethernet mode. For customers requiring complete InfiniBand functionality or "InfiniBand + Ethernet" modes of operation on the same node, install HPE signed MLNX-OFED drivers from Linux Software Delivery Repository (https://downloads.linux.hpe.com/SDR/project/mlnx_ofed_cx4plus/).

Fixes

The following issues have been fixed in version 24.10-0.7.0.1:

- The udev rule included an invalid line in its syntax that triggered the error message: "/usr/lib/udev/rules.d/90-ib.rules:4 Only network interfaces can be renamed".
- "rdma-core" build failure due to the following symbol issues in rdma-core: 1) mad_register_port_client() symbol did not need to be exported 2) The XDR speed decoding functions were not properly exported.
- When trying to configure the initiator/responder depth to 12, the driver actually configured the depth to 8 (power of 2 rounded down), and the user received an RDMA NAK when RDMA read requests were posted.

Enhancements

The following new features and changes have been included in version 24.10-0.7.0.1:

- [Beta] Added support for QoS scheduling across multiple E-Switches grouped in a LAG. VPort members of a Physical Function can be added to a rate group from another Physical Function and rate limits of the group will apply to those VPort members as well.
- Added kernel support for monitoring RDMA events from userspace. Using the netlink or the RDMA tool, users will be able to monitor the InfiniBand device events and changes such as device register, device unregister and netdev attachment/detachment.
- Added the "irqs" directory inside the SF sysfs directory to provide the users information about the mapping of SFs and their IRQs.
- Added support for setting a maximum number of completion EQs for SFs.
- Added support for up to 23 bits for uar_page_index in create_cq flow. This allows the user to perform create_cq with a uar_page_index larger than 2^16 as supported by the hardware/firmware.
- [Beta] Added support for specifying bandwidth proportions between traffic classes (TC) in the devlink-rate API. This new option allows users to allocate bandwidth across multiple traffic classes in a single command. This feature provides a more granular control over traffic management, especially for scenarios requiring Enhanced Transmission Selection. Users can now define a specific bandwidth share for each traffic class, such as allocating 20% for TC0 (TCP/UDP) and 80% for TC5

(RoCE).

Supported Devices and Features

SUPPORTED KERNELS:The kernels of Red Hat Enterprise Linux 8 update 9 (x86_64) supported by this binary rpm are:

- 4.18.0-513.5.1.el8_9 (x86_64) and future update kernels.

HPE Mellanox RoCE ConnectX-4, ConnectX-5, ConnectX-6 and ConnectX-7 Driver for Red Hat Enterprise Linux 9 Update 4 (x86_64)

Version: 24.10-0.7.0.1 (Recommended)

Important Note!

Mellanox Ethernet + RoCE Linux driver (mlnx-ofa_kernel RPMs) supports only Ethernet mode of operation with RoCE (RDMA over Converged Ethernet) functionality for HPE Mellanox Ethernet-only adapters and HPE Mellanox VPI (Virtual Protocol Interconnect) adapters configured to operate in Ethernet mode. For customers requiring complete InfiniBand functionality or "InfiniBand + Ethernet" modes of operation on the same node, install HPE signed MLNX-OFED drivers from Linux Software Delivery Repository (https://downloads.linux.hpe.com/SDR/project/mlnx_ofed_cx4plus/).

Fixes

The following issues have been fixed in version 24.10-0.7.0.1:

- The udev rule included an invalid line in its syntax that triggered the error message: "/usr/lib/udev/rules.d/90-ib.rules:4 Only network interfaces can be renamed".
- "rdma-core" build failure due to the following symbol issues in rdma-core: 1) mad_register_port_client() symbol did not need to be exported 2) The XDR speed decoding functions were not properly exported.
- When trying to configure the initiator/responder depth to 12, the driver actually configured the depth to 8 (power of 2 rounded down), and the user received an RDMA NAK when RDMA read requests were posted.

Enhancements

The following new features and changes have been included in version 24.10-0.7.0.1:

- [Beta] Added support for QoS scheduling across multiple E-Switches grouped in a LAG. VPort members of a Physical Function can be added to a rate group from another Physical Function and rate limits of the group will apply to those VPort members as well.
- Added kernel support for monitoring RDMA events from userspace. Using the netlink or the RDMA tool, users will be able to monitor the InfiniBand device events and changes such as device register, device unregister and netdev attachment/detachment.
- Added the "irqs" directory inside the SF sysfs directory to provide the users information about the mapping of SFs and their IRQs.
- Added support for setting a maximum number of completion EQs for SFs.
- Added support for up to 23 bits for uar_page_index in create_cq flow. This allows the user to perform create_cq with a uar_page_index larger than 2^16 as supported by the

hardware/firmware.

- [Beta] Added support for specifying bandwidth proportions between traffic classes (TC) in the devlink-rate API. This new option allows users to allocate bandwidth across multiple traffic classes in a single command. This feature provides a more granular control over traffic management, especially for scenarios requiring Enhanced Transmission Selection. Users can now define a specific bandwidth share for each traffic class, such as allocating 20% for TC0 (TCP/UDP) and 80% for TC5 (RoCE).

Supported Devices and Features

SUPPORTED KERNELS:The kernels of Red Hat Enterprise Linux 9 update 4 (x86_64) supported by this binary rpm are:

- 5.14.0-427.13.1.el9_4 (x86_64) and future update kernels.

Version: 24.10-1.1.4.1 (Recommended)

Important Note!

Mellanox Ethernet + RoCE Linux driver (mlnx-ofa_kernel RPMs) supports only Ethernet mode of operation with RoCE (RDMA over Converged Ethernet) functionality for HPE Mellanox Ethernet-only adapters and HPE Mellanox VPI (Virtual Protocol Interconnect) adapters configured to operate in Ethernet mode. For customers requiring complete InfiniBand functionality or "InfiniBand + Ethernet" modes of operation on the same node, install HPE signed MLNX-OFED drivers from Linux Software Delivery Repository (https://downloads.linux.hpe.com/SDR/project/mlnx_ofed_cx4plus/).

Fixes

The following issues have been fixed in version 24.10-1.1.4.1:

- rte_eth_dev_start() performed unnecessary recreation of mlx5 control flow rules, resulting in increased delay of rte_eth_dev_start().
- Firefly was not compliant with "SyncE to 1pps Class B/C Transient response" while using ConnectX7 FHHL adapter card.

Enhancements

The following new features and changes have been included in version 24.10-1.1.4.1:

- Enhanced firmware reset flow for Sync1 utilizing community-accepted hot reset kernel flow.

Supported Devices and Features

- 5.14.0-503.11.1 (x86_64) and future update kernels.

HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 8

Version: 8.74.6.0-1 (Recommended)

Important Note!

Linux Driver Version ---------- Linux qed 8.74.6.0 Linux qede 8.74.6.0 Linux qedr 8.74.6.0 Linux qedi 8.74.6.0 Linux qedf 8.74.6.0 HPE recommends the firmware provided as below for use with these drivers,

- Firmware component (HPE QLogic FastLinQ Firmware Package for Arrowhead adapters,

ql_hp_ah_mbi_8.65.23_pldm.fwpkg) version 8.65.23 or later is recommended for use with this driver set.

Prerequisites

This product is required to unload inbox NIC driver before install OOB driver if user want OOB driver to take effect immediately. Otherwise, OOB driver will take effect after system reboot under inbox driver is loaded.

Fixes

- This product fixes an issue of PTP hardware timestamp does not function.
- This product fixes an error while reading debugfs attribute do_not_recover.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 521T Adapter

HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 9

Version: 8.74.6.0-5 (Recommended)

Important Note!

Linux Driver Version ---------- Linux qed 8.74.6.0 Linux qede 8.74.6.0 Linux qedr 8.74.6.0 Linux qedi 8.74.6.0 Linux qedf 8.74.6.0 HPE recommends the firmware provided as below for use with these drivers,

- Firmware component (HPE QLogic FastLinQ Firmware Package for Arrowhead adapters, ql_hp_ah_mbi_8.65.23_pldm.fwpkg) version 8.65.23 or later is recommended for use with this driver set.

Prerequisites

This product is required to unload inbox NIC driver before install OOB driver if user want OOB driver to take effect immediately. Otherwise, OOB driver will take effect after system reboot under inbox driver is loaded.

Fixes

- This product fixes an issue of PTP hardware timestamp does not function.
- This product fixes an error while reading debugfs attribute do_not_recover.

Enhancements

This product now supports Red Hat Enterprise Linux 9.5.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 521T Adapter

HPE QLogic FastLinQ 10/25/50 GbE Drivers for Windows Server x64 Editions

Version: 8.72.21.0 (Recommended)

Important Note!

HPE recommends the firmware provided as below for use with these drivers,

- HPE QLogic FastLinQ Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.3.7.0 or later.

Enhancements

Add Windows Server 2025 support.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 521T Adapter

HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 8.0

Version: 2025.03.00 (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.HPE recommends the firmware provided as below for use with these drivers,

- HPE QLogic FastLinQ Online Firmware Upgrade Utility for VMware, version 4.20.0 or later.

Fixes

This product fixes a PSOD issue which is caused by the memory leak.

Supported Devices and Features

This product supports the following network adapters:

HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 9.0

Version: 2025.03.00 (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.HPE recommends the firmware provided as below for use with these drivers,

- HPE QLogic FastLinQ Online Firmware Upgrade Utility for VMware, version 4.20.0 or later.

Enhancements

This product now supports VMware vSphere ESXi 9.0.Known issue: When any operations that cause the driver reset may result subsequently in high EnsNetWorlds CPU utilization. Target to have full solutoin in next driver release

Supported Devices and Features

This product supports the following network adapters:

HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 8.0

Version: 2025.03.00 (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.HPE recommends the firmware provided in HPE QLogic NX2 Online Firmware Upgrade Utility for VMware, version 1.37.0 or later, for use with this driver.

Fixes

- This product corrects an issue which fix TSO (TCP Segmentation Offload) issue when single segment is larger than pkt length.
- This product corrects an issue which PSOD while freeing DMA during 'esxcli qlfastlinq qcc' command execution.

Supported Devices and Features

These drivers support the following network adapters:

HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 9.0

Version: 2025.03.00 (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.HPE recommends the firmware provided in HPE QLogic NX2 Online Firmware Upgrade Utility for VMware, version 1.37.0 or later, for use with this driver.

Enhancements

This product now supports VMware vSphere ESXi 9.

Supported Devices and Features

These drivers support the following network adapters:

HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8

Version: 7.15.24-1 (Recommended)

Important Note!

Driver Version ---------- cnic 2.5.21m bnx2 2.2.6j bnx2x 1.715.25 bnx2i 2.11.30.3 bnx2fc 2.12.25 HPE recommends the firmware provided in HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64, version 2.37.0 or later, for use with these drivers.

Prerequisites

This product is required to unload inbox NIC driver before install OOB driver if user want OOB driver to take effect immediately. Otherwise, OOB driver will take effect after system reboot under inbox driver is loaded.

Enhancements

This product is updated to maintain compatibility with the latest firmware.

Supported Devices and Features

These drivers support the following network adapters:

HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 9

Version: 7.15.24-5 (Recommended)

Important Note!

Driver Version ---------- cnic 2.5.21m bnx2 2.2.6j bnx2x 1.715.25 bnx2i 2.11.30.3 bnx2fc 2.12.25 HPE recommends the firmware provided in HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64, version 2.37.0 or later, for use with these drivers.

Prerequisites

This product is required to unload inbox NIC driver before install OOB driver if user want OOB driver to take effect immediately. Otherwise, OOB driver will take effect after system reboot under inbox driver is loaded.

Enhancements

This product now supports Red Hat Enterprise Linux 9.5.

Supported Devices and Features

These drivers support the following network adapters:

HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions

Version: 7.13.221.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.3.9.0 or later, for use with these drivers.

Fixes

This product resolves possible memory leak found in code scanning.

Enhancements

Add Windows Server 2025 support.

Supported Devices and Features

This driver supports the following network adapters:

Intel i350 Driver for Windows Server 2019

Version: 14.0.5.0 (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.2.0 or later, for use with this driver.

Enhancements

This product enhanced the compatibility with firmware of Fortville 9.5.

Supported Devices and Features

This driver supports the following HPE Intel E1R network adapters:

- Intel(R) I350 Gigabit Network Connection

Intel i350 Driver for Windows Server 2022

Version: 14.0.5.0 (B) (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.2.0 or later, for use with this driver.

Enhancements

This product now supports Azure Stack HCI OS.

Supported Devices and Features

This driver supports the following HPE Intel E1R network adapters:

- Intel(R) I350 Gigabit Network Connection

Intel i350 Driver for Windows Server 2025

Version: 14.1.5.0 (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.3.0 or later, for use with this driver.

Enhancements

Initial version.

Supported Devices and Features

This driver supports the following HPE Intel E1R network adapters:

- Intel(R) I350 Gigabit Network Connection

Intel i40ea Driver for Windows Server 2019

Version: 1.19.164.0 (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.2.0 or later, for use with this driver.

Enhancements

This product enhanced the compatibility with firmware of Fortville 9.5.

Supported Devices and Features

This driver supports the following HPE Intel I40EA network adapters:

- Intel X710-DA2 Ethernet 10Gb 2-port SFP+ OCP3 Adapter for HPE
- Intel X710-DA2 Ethernet 10Gb 2-port SFP+ Adapter for HPE

Intel i40ea Driver for Windows Server 2022

Version: 1.19.165.0 (B) (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.2.0 or later, for use with this driver.

Enhancements

This product now supports Azure Stack HCI OS.

Supported Devices and Features

This driver supports the following HPE Intel I40EA network adapters:

- Intel X710-DA2 Ethernet 10Gb 2-port SFP+ OCP3 Adapter for HPE
- Intel X710-DA2 Ethernet 10Gb 2-port SFP+ Adapter for HPE

Intel i40ea Driver for Windows Server 2025

Version: 1.19.267.0 (Recommended)

Important Note!

HPE recommends the supplied firmware for use with this driver.

- Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.3.0 or later,
- HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.3.0 or later,

Enhancements

Initial version.

Supported Devices and Features

This driver supports the following HPE Intel I40EA network adapters:

- Intel X710-DA2 Ethernet 10Gb 2-port SFP+ OCP3 Adapter for HPE
- Intel X710-DA2 Ethernet 10Gb 2-port SFP+ Adapter for HPE

Intel ice Drivers for Red Hat Enterprise Linux 8

Version: 1.15.4-1 (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Firmware Package For E810, version 4.60 or later for use with these drivers.

Enhancements

- This product now supports ethtool flow-type ether.
- This product now adds VF reset on Tx Malicious Driver Detection(MDD) event.
- This product now supports kernel's DPLL configuration.

Supported Devices and Features

This product supports the following network adapters:

- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE
- Intel E810-2CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 MCLK Adapter for HPE

Intel ice Drivers for Red Hat Enterprise Linux 9

Version: 1.15.4-1 (B) (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Firmware Package For E810, version 4.60 or later for use with these drivers.

Enhancements

This product is now supported on a new platform.

Supported Devices and Features

This product supports the following network adapters:

- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE
- Intel E810-2CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 MCLK Adapter for HPE

Intel icea Driver for Microsoft Windows Server 2022

Version: 1.15.121.0 (C) (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Firmware Package for Columbiaville (FWPKG), version 4.50 or later, for use with this driver.

Enhancements

This product now supports Azure Stack HCI OS.

Supported Devices and Features

This driver supports the following HPE Intel ICEA network adapters:

- Intel E810-2CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

Intel icea Driver for Microsoft Windows Server 2025

Version: 1.15.302.0 (B) (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Firmware Package for Columbiaville (FWPKG), version 4.60 or later, for use with this driver.

Enhancements

Initial version.

Supported Devices and Features

This driver supports the following HPE Intel ICEA network adapters:

- Intel E810-2CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

Intel icea Driver for Windows Server 2019

Version: 1.15.121.0 (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Firmware Package for Columbiaville (FWPKG), version 4.50 or later, for use with this driver.

Fixes

This product correct an issue which E810 physical adapter does not display RDMA counters.

Enhancements

This product enhanced the compatibility with firmware of Columbiaville 4.5.

Supported Devices and Features

This driver supports the following HPE Intel ICEA network adapters:

- Intel E810-2CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

Intel icen Driver for VMware vSphere 8.0

Version: 2025.03.00 (Recommended)

Important Note!

- This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.
- HPE recommends the firmware provided in Intel Firmware Package For E810 Ethernet Adapter, version 4.60 or later, for use with these drivers.

Enhancements

This product is now supported on a new platform.

Supported Devices and Features

This product supports the following network adapters:

- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE
- Intel E810-2CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

Intel icen Driver for VMware vSphere 9.0

Version: 2025.03.00 (Recommended)

Important Note!

- This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.
- HPE recommends the firmware provided in Intel Firmware Package For E810 Ethernet Adapter, version 4.60 or later, for use with these drivers.

Enhancements

Initial version for VMware 9.0.

Supported Devices and Features

This product supports the following network adapters:

- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE
- Intel E810-2CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2019

Version: 24.10.26603.0 (Recommended)

Fixes

- This product fixed an issue that prevented the VF diagnostic counters from being shown when assigned a VF from multiple adapters to the same VM, queried for counters and removed all VFs from one adapter.
- This product fixed a rare case when polling returns wrong request context.

Enhancements

- Added a new counter "Allocated Memory Pages" to show the number of memory pages (4KB) allocated to the firmware from the host system.
- MlxNdPerf now supports bandwidth tests with multiple QPs.
- Added support for dynamic steering rule insertion in DevX interface.

Supported Devices and Features

This driver supports the following network adapters:

- Mellanox MCX623105AS-VDAT Ethernet 200Gb 1-port QSFP56 Adapter for HPE
- Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE

Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2022

Version: 24.10.26603.0 (Recommended)

Fixes

- This product fixed an issue that prevented the VF diagnostic counters from being shown when assigned a VF from multiple adapters to the same VM, queried for counters and removed all VFs from one adapter.
- This product fixed a rare case when polling returns wrong request context.

Enhancements

- Added a new counter "Allocated Memory Pages" to show the number of memory pages (4KB) allocated to the firmware from the host system.
- MlxNdPerf now supports bandwidth tests with multiple QPs.
- Added support for dynamic steering rule insertion in DevX interface.

Supported Devices and Features

This driver supports the following network adapters:

- Mellanox MCX623105AS-VDAT Ethernet 200Gb 1-port QSFP56 Adapter for HPE
- Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE

Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2025

Version: 24.10.26603.0 (Recommended)

Fixes

- This product fixed an issue that prevented the VF diagnostic counters from being shown when assigned a VF from multiple adapters to the same VM, queried for counters and removed all VFs from one adapter.
- This product fixed a rare case when polling returns wrong request context.

Enhancements

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Supported Devices and Features

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- Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE

HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 controller Driver for 64-bit Red Hat Enterprise Linux 8

Version: 07.730.01.00 (Recommended)

sas-07.730.01.00_rhel8u9-2.x86_64.rpm

Enhancements

- Handle IOMMU restore at exit boot services
- Support Ubuntu 24.04 LTS

HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 controller Driver for 64-bit Red Hat Enterprise Linux 9

Version: 07.730.01.00 (B) (Recommended)

sas-07.730.01.00_rhel9u4-2.x86_64.rpm

Enhancements

- Support new Gen12 servers.

HPE MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10 Controller and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 controllers Driver for Microsoft Windows 2019 edition

Version: 7.730.2.0 (Recommended)

Enhancements

- Add support for MR408i-p Gen11 controller

HPE MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10 Controller and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 controllers driver for Microsoft Windows 2025 edition

Version: 7.730.2.0 (B) (Recommended)

Enhancements

- Support new Gen12 servers.

HPE MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen10P and Gen11 controller (64-bit) Driver for vSphere 8.0

Version: 2025.01.01 (B) (Recommended)

Important Note!

- Actual Version is 7.730.1.0.

Enhancements

- Support new Gen12 servers.

HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 8.0 (Driver Component).

Version: 2025.02.01 (Recommended)

Important Note!

- This component is intended to be used by HPE applications. It is a zip that contains the same driver deliverable available from the vmware.com, plus an HPE specific CPXXXX.xml file.
- Actual ESXi8.0 driver version is 80.4704.0.108

Enhancements

- Improve the tolerance of error handling.
- Enhancement of DMA engine attributes to prevent PSOD.

HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)

Version: 2.1.32-035 (Recommended)

Fixes

- Fixed an issue that drives are still listed at the OS level when the controller is offline.

Supported Devices and Features

SUPPORTED KERNELS:The kernels of Red Hat Enterprise Linux8 (64-bit) supported by this binary rpm are:- default- Red Hat Enterprise Linux 8 Update 0 (64-bit).

HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 9 (64-bit)

Version: 2.1.32-035 (Recommended)

Fixes

- Fixed an issue that drives are still listed at the OS level when the controller is offline.

Supported Devices and Features

SUPPORTED KERNELS:The kernels of Red Hat Enterprise Linux9 (64-bit) supported by this binary rpm are:- default- Red Hat Enterprise Linux 9 Update 0 (64-bit).

HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2019, Windows Server 2022 and Windows Server 2025

Version: 1016.10.0.1004 (Recommended)

Fixes

- Fixed the issue that memory dump sometimes cannot be captured when Remote Key Management mode is enabled.

Enhancements

- Added support for Windows Server 2025.
- Added support to enable DMA remapping feature for Windows Server 2025.

MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10 Controller and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 controllers driver for Microsoft Windows 2022 edition

Version: 7.730.2.0 (B) (Recommended)

Enhancements

- Support new Gen12 servers.
- Support new OS Azure Stack HCI 23H2 .

HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019

Version: 14.4.393.20 (Recommended)

Important Note!

Release notes:Broadcom Release notes

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/

Enhancements

Updated to driver version 14.4.393.20 The raw driver files can be obtained by extracting the Smart Component and then extracting the Emulex installer. Use this command:elxdrvr-fc-version.exe /q2 extract=2 The extracted files are located:C:¥Users¥Administrator¥Documents¥Emulex¥Drivers¥FC-version Each kit folder has subsequent architecture folders with subsequent OS folders. For example, C:¥Users¥Administrator¥Documents¥Emulex¥Drivers¥FC-version¥x64¥win2019

Supported Devices and Features

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1610E 32Gb Dual port Fibre Channel Host Bus Adapter

HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022

Version: 14.4.393.20 (Recommended)

Important Note!

Release notes:Broadcom Release notes

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/

Enhancements

Updated to driver version 14.4.393.20 The raw driver files can be obtained by extracting the Smart Component and then extracting the Emulex installer. Use this command:elxdrvr-fc-version.exe /q2 extract=2 The extracted files are located:C:¥Users¥Administrator¥Documents¥Emulex¥Drivers¥FC-version Each kit folder has subsequent architecture folders with subsequent OS folders. For example, C:¥Users¥Administrator¥Documents¥Emulex¥Drivers¥FC-version¥x64¥win2022

Supported Devices and Features

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1610E 32Gb Dual port Fibre Channel Host Bus Adapter

HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2025

Version: 14.4.393.20 (Recommended)

Important Note!

Release notes:Broadcom Release notes

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/

Enhancements

Updated to driver version 14.4.393.20 The raw driver files can be obtained by extracting the Smart Component and then extracting the Emulex installer. Use this command:elxdrvr-fc-version.exe /q2 extract=2 The extracted files are located:C:¥Users¥Administrator¥Documents¥Emulex¥Drivers¥FC-version Each kit folder has subsequent architecture folders with subsequent OS folders. For example, C:¥Users¥Administrator¥Documents¥Emulex¥Drivers¥FC-version¥x64¥win2022

Supported Devices and Features

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1610E 32Gb Dual port Fibre Channel Host Bus Adapter

HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019

Version: 9.4.11.20 (Recommended)

Important Note!

Release Notes:HPE QLogic Adapters Release Notes

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/

Enhancements

Updated to version 9.4.11.20

Supported Devices and Features

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter

HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022

Version: 9.4.11.20 (Recommended)

Important Note!

Release Notes:HPE QLogic Adapters Release Notes

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/

Enhancements

Updated to version 9.4.11.20

Supported Devices and Features

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter

HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2025

Version: 9.4.11.20 (Recommended)

Important Note!

Release Notes:HPE QLogic Adapters Release Notes

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/

Enhancements

This is the first driver for Windows 2025 . The driver version is 9.4.11.20.

Supported Devices and Features

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter

Red Hat Enterprise Linux 8 Update 10 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters

Version: 14.4.329.9 (Recommended)

Important Note!

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/

Enhancements

Updated to version 14.4.329.9

Supported Devices and Features

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1610E 32Gb Dual port Fibre Channel Host Bus Adapter

Red Hat Enterprise Linux 8 Update 10 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters

Version: 10.02.13.03-k1 (Recommended)

Important Note!

Release Notes:HPE QLogic Adapters Release Notes NOTE:1. The rpm base-name for the QLogic driver has been changed to "qlgc". Upgrades from the earlier "hpqlgc" driver are supported.Updated to driver version 10.02.13.03-k1

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/

Enhancements

Updated Driver version 10.02.13.03-k1

Supported Devices and Features

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter

- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter

Red Hat Enterprise Linux 8 Update 9 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters

Version: 14.4.329.9 (Recommended)

Important Note!

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/

Enhancements

Updated to version 14.4.329.9

Supported Devices and Features

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1610E 32Gb Dual port Fibre Channel Host Bus Adapter

Red Hat Enterprise Linux 8 Update 9 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters

Version: 10.02.13.03-k1 (Recommended)

Important Note!

Release Notes:HPE QLogic Adapters Release Notes NOTE:1. The rpm base-name for the QLogic driver has been changed to "qlgc". Upgrades from the earlier "hpqlgc" driver are supported.Updated to driver version 10.02.13.03-k1

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/

Enhancements

Updated Driver version 10.02.13.03-k1

Supported Devices and Features

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter

Red Hat Enterprise Linux 9 Server Update 3 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapter

Version: 14.4.329.9 (Recommended)

Important Note!

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/

Enhancements

Updated to version 14.4.329.9

Supported Devices and Features

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1610E 32Gb Dual port Fibre Channel Host Bus Adapter

Red Hat Enterprise Linux 9 Server Update 4 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters

Version: 14.4.329.9 (Recommended)

Important Note!

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/

Enhancements

Updated to version 14.4.329.9

Supported Devices and Features

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1610E 32Gb Dual port Fibre Channel Host Bus Adapter

Red Hat Enterprise Linux 9 update 4 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters

Version: 10.02.13.03-k1 (Recommended)

Important Note!

Release Notes:HPE QLogic Adapters Release Notes NOTE:1. The rpm base-name for the QLogic driver has been changed to "qlgc". Upgrades from the earlier "hpqlgc" driver are supported.Updated to driver version 10.02.13.03-k1

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/

Enhancements

Updated Driver version 10.02.13.03-k1

Supported Devices and Features

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter

Version: 10.02.13.03-k1 (Recommended)

Important Note!

Release Notes:HPE QLogic Adapters Release Notes NOTE:1. The rpm base-name for the QLogic driver has been changed to "qlgc". Upgrades from the earlier "hpqlgc" driver are supported.Updated to driver version 10.02.13.03-k1

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/

Enhancements

Updated Driver version 10.02.13.03-k1

Supported Devices and Features

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter

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iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2016 and 2019

Version: 4.7.1.0 (E) (Optional)

Important Note!

Installing the iLO 5 Channel Interface Driver, version 4.1.0.0 or earlier, will overwrite this driver.To avoid the overwrite, use version 4.1.0.0(B) or later of the iLO 5 Channel Interface Driver.

Enhancements

- Updated SBOM requirement

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iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2022

Version: 4.7.1.0 (G) (Optional)

Important Note!

Installing the iLO 5 Channel Interface Driver, version 4.1.0.0 or earlier, will overwrite this driver.To avoid the overwrite, use version 4.1.0.0(B) or later of the iLO 5 Channel Interface Driver.

Enhancements

- Updated supported environments

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iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2025

Version: 4.7.2.0 (Optional)

Important Note!

Installing the iLO 5 Channel Interface Driver, version 4.1.0.0 or earlier, will overwrite this driver.To avoid the overwrite, use version 4.1.0.0(B) or later of the iLO 5 Channel Interface Driver.

Enhancements

- Updated supported environments

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iLO 5 Channel Interface Driver for Microsoft Windows Server 2016 and 2019

Version: 4.7.1.0 (E) (Optional)

Enhancements

- Updated SBOM requirement

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iLO 5 Channel Interface Driver for Microsoft Windows Server 2022

Version: 4.7.1.0 (G) (Optional)

Enhancements

- Updated supported environments

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iLO 5 Channel Interface Driver for Microsoft Windows Server 2025

Version: 4.7.2.0 (Optional)

Enhancements

- Updated supported environments
- Updated supported platforms

Matrox G200eH3 Video Controller Driver for Microsoft Windows 64-bit

Version: 9.15.1.248 (F) (Optional)

Enhancements

- Updated supported environments

Matrox G200eH3 Video Controller Driver for Microsoft Windows 64-bit

Version: 9.15.1.268 (B) (Optional)

Enhancements

- Updated Supported Environments

Broadcom Firmware Package for BCM5741x adapters

Version: 232.1.132.8 (Recommended)

Important Note!

For Firmware installation, there is no OS and drivers dependency.For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- Broadcom NetXtreme-E Driver for Microsoft Windows Server, version 232.0.155.7 or later
- HPE Broadcom NetXtreme-E Drivers for Linux, version 1.10.3-232.0.155.5 or later
- HPE Broadcom NetXtreme-E Drivers for VMware, version 2025.03.00 or later

Fixes

- This product fixes the issue where the OCP module experiences link width degradation in the system.
- This product fixes the issue where RDMA connections are not getting connected.
- This product fixes the issue where RoCE and TX/RX path core dump decoding failed.
- This product fixes the issue where Port 1 was not receiving broadcast packets with ESXi.
- This product fixes the issue where the OCP module experiences link width degradation in the system.
- This product fixes the issue where PXE boot does not work with VLAN configurations.

Enhancements

- This product removes the Ethernet/LLDPTransmit/ManagementVlanId property to streamline configuration.
- This product enhances the coredump feature in the BNXT driver for improved diagnostics.
- This product enhances to update the driver to suppress the HII MBA menu for a cleaner interface.

Supported Devices and Features

This product supports the following network adapters:

Broadcom Firmware Package for BCM5750x adapters

Version: 232.1.132.8 (Recommended)

Important Note!

For Firmware installation, there is no OS and drivers dependency.For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- Broadcom NetXtreme-E Driver for Microsoft Windows Server, version 232.0.155.7 or later
- HPE Broadcom NetXtreme-E Drivers for Linux, version 1.10.3-232.0.155.5 or later
- HPE Broadcom NetXtreme-E Drivers for VMware, version 2025.03.00 or later

Fixes

- This product fixes the issue where the firmware fails to send a reset notification to the driver during error recovery.
- This product fixes the issue where the RDE bejString special character escape sequences were

incorrectly encoded.

- This product fixes the issue where the PLDM port link speed sensor reading and event values were reported as negative.
- This product fixes the issue where the XDP/LPBK L2 context entry caused resource leaks.
- This product fixes the issue where XDP flows were not properly freed by ensuring they are released only when the MAC address is non-zero.

Enhancements

- This product removes the Ethernet/LLDPTransmit/ManagementVlanId property to simplify network configuration.
- This product enhances system stability by adjusting MSI-X vector counts to prevent resource exhaustion.
- This product enhances SPDM functionality by setting the MsgTag in the MCTP transport header.
- This product enhances the coredump feature in the BNXT driver for better diagnostic capabilities.
- This product enhances network performance by adding the RX rate profile and improving DPDK functionality.

Supported Devices and Features

This product supports the following network adapters:

- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64

Version: 2.40.0 (Recommended)

Important Note!

HPE recommends HPE Broadcom tg3 Ethernet Drivers, versions 3.139q or later, for use with this firmware.

Prerequisites

This product requires the appropriate driver for your device and operating system to be installed before the firmware is updated.Also, install the Out of Box (OOB) and ensure the driver is loaded and running before attempting the firmware update.

- Follow the command line to bring up ethernet device:

ifup ethX or ifconfig ethX up or wicked ifup ethX If local system doesn't configure any network interface for the adapter that are necessary then to create the network config file to bring up interface.

- For example in sles15sp1, To create ifcfg-ethX files under /etc/sysconfig/network/

Fixes

This product fixes where MBA configuration reset to defaults after updating firmware.

Enhancements

This product enhances libfwupg to improve NVRAM configuration updates.

Supported Devices and Features

This product supports the following network adapters:

- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T LOM Adapter for HPE
- Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE

Broadcom NX1 Online Firmware Upgrade Utility for VMware

Version: 1.41.0 (Recommended)

Important Note!

This software package contains combo image v20.32.41 with the following firmware versions:

NIC	Boot Code Version	PXE Version	NCSI Version	UEFI Version
BCM 5719 1GbE 4p BASE-T Adptr	1.60	21.6.4	1.5.60	21.6.85
BCM 5719 1GbE 4p BASE-T OCP3 Adptr	1.60	21.6.4	1.5.60	21.6.85
BCM 5719 1GbE 4p BASE-T LOM Adptr	1.60	21.6.4	1.5.60	21.6.85
BCM 5720 1GbE 2p BASE-T LOM Adptr	1.43	21.6.4	N/A	21.6.85

Prerequisites

This product requires the appropriate driver for your device and operating system to be installed before the firmware is updated.

Fixes

This product fixes where MBA configuration reset to defaults after updating firmware.

Enhancements

This product enhances libfwupg to improve NVRAM configuration updates.

Supported Devices and Features

This product supports the following network adapters:

- Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T LOM Adapter for HPE

Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions

Version: 5.4.4.0 (Recommended)

Important Note!

HPE recommends Broadcom NX1 1Gb Driver for Windows Server x64 Editions, version 221.0.7.0 or later, for use with this firmware.This software package contains combo image v20.32.41 with the following firmware versions:

NIC	Boot Code Version	PXE Version	NCSI Version	UEFI Version
BCM 5719 1GbE 4p BASE-T Adptr	1.60	21.6.4	1.5.60	21.6.85
BCM 5719 1GbE 4p BASE-T OCP3 Adptr	1.60	21.6.4	1.5.60	21.6.85
BCM 5719 1GbE 4p BASE-T LOM Adptr	1.60	21.6.4	1.5.60	21.6.85
BCM 5720 1GbE 2p BASE-T LOM Adptr	1.43	21.6.4	N/A	21.6.85

Prerequisites

This product requires the appropriate driver for your device and operating system to be installed before the firmware is updated.

Fixes

This product fixes where MBA configuration reset to defaults after updating firmware.

Enhancements

This product enhances libfwupg to improve NVRAM configuration updates.

Supported Devices and Features

This product supports the following network adapters:

- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T LOM Adapter for HPE
- Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE

HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters

Version: 232.1.132008 (Recommended)

Important Note!

For Firmware installation, there is no OS and drivers dependency.For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- Broadcom NetXtreme-E Driver for Microsoft Windows Server, version 232.0.155.7 or later
- HPE Broadcom NetXtreme-E Drivers for Linux, version 1.10.3-232.0.155.5 or later
- HPE Broadcom NetXtreme-E Drivers for VMware, version 2025.03.00 or later

Fixes

- This product fixes the issue where RDMA connections are not getting connected.
- This product fixes the issue where RoCE and TX/RX path core dump decoding failed.
- This product fixes the issue where Port 1 was not receiving broadcast packets with ESXi.
- This product fixes the issue where the OCP module experiences link width degradation in the system.
- This product fixes the issue where PXE boot does not work with VLAN configurations.

Enhancements

- This product removes the Ethernet/LLDPTransmit/ManagementVlanId property to streamline

configuration.

- This product enhances the coredump feature in the BNXT driver for improved diagnostics.
- This product enhances to update the driver to suppress the HII MBA menu for a cleaner interface.

Supported Devices and Features

This product supports the following network adapters:

HPE Broadcom NX1 Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen10 server series Only.

Version: 2.40.0 (Recommended)

Important Note!

- This component ONLY support HPE ProLiant Gen10 server series.

HPE recommends HPE Broadcom tg3 Ethernet Drivers, versions 3.139q or later, for use with this firmware.

Prerequisites

This product requires the appropriate driver for your device and operating system to be installed before the firmware is updated.Also, install the Out of Box (OOB) and ensure the driver is loaded and running before attempting the firmware update.

- Follow the command line to bring up ethernet device:

ifup ethX or ifconfig ethX up or wicked ifup ethX If local system doesn't configure any network interface for the adapter that are necessary then to create the network config file to bring up interface.

- For example in sles15sp1, To create ifcfg-ethX files under /etc/sysconfig/network/

Enhancements

This product enhances libfwupg to improve NVRAM configuration updates.

Supported Devices and Features

This product supports the following network adapters:

HPE Broadcom NX1 Online Firmware Upgrade Utility VMware for HPE ProLiant Gen10 server series Only.

Version: 1.41.0 (Recommended)

Important Note!

- This component ONLY support HPE ProLiant Gen10 server series.

This software package contains combo image v20.32.41 with the following firmware versions:

NIC	Boot Code Version	PXE Version	NCSI Version	UEFI Version
HPE Ethernet 1Gb 4-port 331i Adapter (22BE) HPE Ethernet 1Gb 4-port 331FLR Adapter HPE Ethernet 1Gb 4-port 331T Adapter	1.60	21.6.4	1.5.60	21.6.85
HPE Ethernet 1Gb 2-port 332i Adapter (22E8) HPE Ethernet 1Gb 2-port 332T Adapter	1.43	21.6.4	1.5.60	21.6.85

For previous firmware versions prior to v20.19.51, please refer to the link :

https://www.hpe.com/global/swpublishing/MTX-4f19da2bceff4b73a31531d71e

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Enhancements

This product enhances libfwupg to improve NVRAM configuration updates.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 331i Adapter (22BE)
- HPE Ethernet 1Gb 4-port 331FLR Adapter
- HPE Ethernet 1Gb 4-port 331T Adapter
- HPE Ethernet 1Gb 2-port 332i Adapter (22E8)
- HPE Ethernet 1Gb 2-port 332T Adapter

HPE Broadcom NX1 Online Firmware Upgrade Utility Windows Server x64 Editions for HPE ProLiant Gen10 server series Only

Version: 5.4.4.0 (Recommended)

Important Note!

- This component ONLY support HPE ProLiant Gen10 server series.

This software package contains combo image v20.32.41 with the following firmware versions:

NIC	Boot Code Version	PXE Version	NCSI Version	UEFI Version
HPE Ethernet 1Gb 4-port 331i Adapter (22BE) HPE Ethernet 1Gb 4-port 331FLR Adapter HPE Ethernet 1Gb 4-port 331T Adapter	1.60	21.6.4	1.5.60	21.6.85
HPE Ethernet 1Gb 2-port 332i Adapter (22E8) HPE Ethernet 1Gb 2-port 332T Adapter	1.43	21.6.4	1.5.60	21.6.85

For previous firmware versions prior to v20.19.51, please refer to the link :

https://www.hpe.com/global/swpublishing/MTX-4f19da2bceff4b73a31531d71e

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Enhancements

This product enhances libfwupg to improve NVRAM configuration updates.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 331i Adapter (22BE)

・HPE Ethernet 1Gb 4-port 331FLR Adapter

・HPE Ethernet 1Gb 4-port 331T Adapter

・HPE Ethernet 1Gb 2-port 332i Adapter (22E8)

・HPE Ethernet 1Gb 2-port 332T Adapter

HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions for HPE ProLiant Gen9 and Gen10 server series Only.

Version: 5.4.3.0 (B) (Recommended)

Important Note!

- This software package contains the following firmware versions for the below listed supported network adapters:

NIC	EEPROM/NVM Version	OROM Version	Single NVM Version
HPE Ethernet 1Gb 2-port 361i Adapter	8000119A	1.3686.0	N/A
HPE Ethernet 1Gb 2-port 361T Adapter	80001147	1.3686.0	N/A
HPE Ethernet 1Gb 4-port 366FLR Adapter	800011A1	1.3686.0	N/A
HPE Ethernet 1Gb 4-port 366T Adapter	800011F1	1.3686.0	N/A
HPE Ethernet 1Gb 4-port 369i Adapter	80003AC3	1.3686.0	N/A
HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	8000F231	1.3686.0	11.1.7
HPE Ethernet 10Gb 2-port 562FLR-T Adapter	800016F1	1.3686.0	10.55.3
HPE Ethernet 10Gb 2-port 562SFP+ Adapter	8000F232	1.3686.0	11.1.7
HPE Ethernet 10Gb 2-port 562T Adapter	800016EF	1.3686.0	10.55.3

- The combo image v1.3686.0 includes: Boot Agent: 1GbE - v1.5.90, 10GbE - v2.4.54, 40GbE - v1.1.45 & UEFI Drivers: 1GbE - v9.8.62, 10GbE - v8.2.47, 40GbE - v5.0.12
- Single NVM Version is new firmware format which represent an unified version in place of the previously used EEPROM/NVM Version or OROM version.
- This software package no longer contains Firmware for the below listed supported network adapters:
- HPE Ethernet 1Gb 2-port 363i Adapter
- HPE Ethernet 1Gb 4-port 366i Adapter
- HPE Ethernet 1Gb 4-port 366i Communication Board
- The latest firmware version of above adapters, please refer to the link : https://support.hpe.com/connect/s/softwaredetails?language=en_US&softwareId=MTX_d7826493bb5a4aa69b4aa9a1d5&tab=releaseNotes

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Enhancements

This product now supports Azure Stack HCI OS.

Supported Devices and Features

This package supports the following network adapters:

- HPE Ethernet 1Gb 2-port 361i Adapter
- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter
- HPE Ethernet 1Gb 4-port 369i Adapter
- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562FLR-T Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562T Adapter

HPE Intel Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen9 and Gen10 server series Only.

Version: 1.32.0 (Recommended)

Important Note!

- This component ONLY support HPE ProLiant Gen9 and Gen10 server series.

HPE recommends at least one of the following drivers, as appropriate for your device, for use with this firmware:

- HPE Intel igb Drivers for Linux, versions 6.17.4-1 or later
- HPE Intel ixgbe Drivers for Linux, versions 5.21.5-1 or later
- HPE Intel i40e Drivers for Linux, versions 2.26.8-1 or later

Prerequisites

This package requires the appropriate driver for your network adapter to be installed and all Ethernet ports brought up before firmware can be updated.

- Follow the command line to bring up ethernet device:

ifup ethX or ifconfig ethX up or wicked ifup ethX If local system doesn't configure any network interface for the adapter that are necessary then to create the network config file to bring up interface.

- For example in sles15sp1, To create ifcfg-ethX files under /etc/sysconfig/network/

Enhancements

This product enhanced the compatibility with the latest drivers.

Supported Devices and Features

This package supports the following network adapters:

- HPE Ethernet 1Gb 2-port 361i Adapter
- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter

・HPE Ethernet 1Gb 4-port 369i Adapter

・HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter

・HPE Ethernet 10Gb 2-port 562FLR-T Adapter

・HPE Ethernet 10Gb 2-port 562SFP+ Adapter

・HPE Ethernet 10Gb 2-port 562T Adapter

HPE Intel Online Firmware Upgrade Utility VMware for HPE ProLiant Gen9 and Gen10 server series Only.

Version: 3.25.0 (B) (Recommended)

Important Note!

- This software package contains the following firmware versions for the below listed supported network adapters:

NIC	EEPROM/NVM Version	OROM Version	Single NVM Version
HPE Ethernet 1Gb 2-port 361i Adapter	8000119A	1.3686.0	N/A
HPE Ethernet 1Gb 2-port 361T Adapter	80001147	1.3686.0	N/A
HPE Ethernet 1Gb 4-port 366FLR Adapter	800011A1	1.3686.0	N/A
HPE Ethernet 1Gb 4-port 366T Adapter	800011F1	1.3686.0	N/A
HPE Ethernet 1Gb 4-port 369i Adapter	80003AC3	1.3686.0	N/A
HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	8000F231	1.3686.0	11.1.7
HPE Ethernet 10Gb 2-port 562FLR-T Adapter	800016F1	1.3686.0	10.55.3
HPE Ethernet 10Gb 2-port 562SFP+ Adapter	8000F232	1.3686.0	11.1.7
HPE Ethernet 10Gb 2-port 562T Adapter	800016EF	1.3686.0	10.55.3

- The combo image v1.3686.0 includes: Boot Agent: 1GbE - v1.5.90, 10GbE - v2.4.54, 40GbE - v1.1.45 & UEFI Drivers: 1GbE - v9.8.62, 10GbE - v8.2.47, 40GbE - v5.0.12
- Single NVM Version is new firmware format which represent an unified version in place of the previously used EEPROM/NVM Version or OROM version.
- This software package no longer contains Firmware for the below listed supported network adapters:
- The latest firmware version of above adapters, please refer to the link : https://support.hpe.com/connect/s/softwaredetails?language=en_US&softwareId=MTX_d7826493bb5a4aa69b4aa9a1d5&tab=releaseNotes

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Enhancements

This product now supports VMware 9.0

Supported Devices and Features

This package supports the following network adapters:

- HPE Ethernet 1Gb 2-port 361i Adapter
- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter
- HPE Ethernet 1Gb 4-port 369i Adapter
- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562FLR-T Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562T Adapter

HPE QLogic FastLinQ Firmware Package for Arrowhead adapters

Version: 8.65.23 (Recommended)

Important Note!

For Firmware installation, there is no OS and drivers dependency.For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- HPE QLogic FastLinQ 10/25/50 GbE Drivers for Linux, version 8.74.6.0-x or later
- HPE QLogic FastLinQ 10/25/50 GbE Drivers for Microsoft Windows Server x64 Editions, version 8.72.21.0 or later
- HPE QLogic FastLinQ 10/25/50 GbE Multifunction Drivers for VMware, version 2025.03.00 or later This software package contains combo image v8.65.23. This combo image includes: Boot Code (MFW):

8.65.7.0, PXE: 2.0.19, and UEFI: 4.1.13.2.

Enhancements

This product enhanced the compatibility with drivers.

Supported Devices and Features

This product supports the following network adapters:

HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64

Version: 2.37.0 (Recommended)

Important Note!

HPE recommends HPE QLogic NX2 10/20GbE Multifunction Drivers for Linux, versions 7.15.24-x or later, for use with the firmware in this package.

Prerequisites

This package requires the appropriate driver for your network adapter be installed an all Ethernet ports brought up(ifup ethX or ifconfig ethX up or wicked ifup ethX) before firmware can be updated.If local

system doesn't configure any network interface for the adapter that are necessary to create the network config file to bring up interface.- For example in sles15sp1, To create ifcfg-ethX files under /etc/sysconfig/network/.

Enhancements

This product enhanced the compatibility with drivers.

Supported Devices and Features

This product supports the following network adapters:

HPE QLogic NX2 Online Firmware Upgrade Utility for VMware

Version: 1.37.0 (Recommended)

Important Note!

HPE recommends HPE QLogic NX2 10/20GbE Multifunction Drivers for VMware, versions 2025.03.00 or later, for use with this firmware.This software package contains combo image v7.19.27 with the following firmware versions:

NIC	Boot Code Version	PXE Version	UEFI Version	iSCSI Version	FCoE Version	CCM Version	L2 Version
HPE Ethernet 10Gb 2-port 530SFP+ Adapter HPE Ethernet 10Gb 2-port 530T Adapter	7.16.15	7.14.13	8.9.3	n/a	n/a	7.14.4	7.12.25
HPE Ethernet 10Gb 2-port 533FLR-T Adapter	7.16.15	7.14.13	8.9.3	7.14.0	7.14.3	7.14.4	7.12.25

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Enhancements

This product enhanced the compatibility with drivers.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 530SFP+ Adapter
- HPE Ethernet 10Gb 2-port 530T Adapter
- HPE Ethernet 10Gb 2-port 533FLR-T Adapter

HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions

Version: 5.3.9.0 (Recommended)

Important Note!

HPE recommends at least one of the following drivers, as appropriate for your device, for use with this firmware:

- HPE QLogic NX2 10/20GbE Multifunction Drivers for Windows Server x64 Editions, version 7.13.221.0 or later This software package contains combo image v7.19.27 with the following firmware versions:

NIC	Boot Code Version	PXE Version	UEFI Version	iSCSI Version	FCoE Version	CCM Version	L2 Version
HPE Ethernet 10Gb 2-port 530SFP+ Adapter HPE Ethernet 10Gb 2-port 530T Adapter	7.16.15	7.14.13	8.9.3	n/a	n/a	7.14.4	7.12.25
HPE Ethernet 10Gb 2-port 533FLR-T Adapter	7.16.15	7.14.13	8.9.3	7.14.0	7.14.3	7.14.4	7.12.25

The users will only see the combo image versions in the interactive mode firmware update or while using HPESUM/SPP to update the firmware on the supported adapters.

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Enhancements

This product enhanced the compatibility with drivers.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 530SFP+ Adapter
- HPE Ethernet 10Gb 2-port 530T Adapter
- HPE Ethernet 10Gb 2-port 533FLR-T Adapter

Intel Firmware Package For E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter

Version: 4.60 (B) (Recommended)

Important Note!

For Firmware installation, there is no OS and drivers dependency.For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- Intel icea Driver for Microsoft Windows Server, version 1.15.121.0 or later
- Intel ice Drivers for Linux, version 1.15.4-1 or later
- Intel icen Driver for VMware, version 2024.11.00 or later This FW version does not support Port.Reset RDE metrics. This product will be enhance to improve the functions in the future release

Enhancements

Add new support platform.

Supported Devices and Features

This product supports the following network adapters:

- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE

Intel Firmware Package For E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter

Version: 4.60 (B) (Recommended)

Important Note!

For Firmware installation, there is no OS and drivers dependency.For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- Intel icea Driver for Microsoft Windows Server, version 1.15.121.0 or later
- Intel ice Drivers for Linux, version 1.15.4-1 or later
- Intel icen Driver for VMware, version 2024.11.00 or later This FW version does not support Port.Reset RDE metrics. This product will be enhance to improve the functions in the future release

Enhancements

Add new support platform.

Supported Devices and Features

This product supports the following network adapters:

- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE

Intel Firmware Package For E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter

Version: 4.60 (B) (Recommended)

Important Note!

For Firmware installation, there is no OS and drivers dependency.For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- Intel icea Driver for Microsoft Windows Server, version 1.15.121.0 or later
- Intel ice Drivers for Linux, version 1.15.4-1 or later
- Intel icen Driver for VMware, version 2024.11.00 or later This FW version does not support Port.Reset RDE metrics. This product will be enhance to improve the functions in the future release

Enhancements

Add new support platform.

Supported Devices and Features

This product supports the following network adapters:

- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE

Intel Firmware Package For E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter

Version: 4.60 (B) (Recommended)

Important Note!

For Firmware installation, there is no OS and drivers dependency.For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- Intel icea Driver for Microsoft Windows Server, version 1.15.121.0 or later
- Intel ice Drivers for Linux, version 1.15.4-1 or later
- Intel icen Driver for VMware, version 2024.11.00 or later This FW version does not support Port.Reset RDE metrics. This product will be enhance to improve the functions in the future release

Enhancements

Add new support platform.

Supported Devices and Features

This product supports the following network adapters:

- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE

Intel Firmware Package For E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter

Version: 4.60 (B) (Recommended)

Important Note!

For Firmware installation, there is no OS and drivers dependency.For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- Intel icea Driver for Microsoft Windows Server, version 1.15.121.0 or later
- Intel ice Drivers for Linux, version 1.15.4-1 or later
- Intel icen Driver for VMware, version 2024.11.00 or later This FW version does not support Port.Reset RDE metrics. This product will be enhance to improve the functions in the future release

Enhancements

Add new support platform.

Supported Devices and Features

This product supports the following network adapters:

- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE

Intel Online Firmware Upgrade Utility for Linux x86_64

Version: 1.32.0 (Recommended)

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Enhancements

This product enhanced the compatibility with the latest drivers.

Supported Devices and Features

This package supports the following network adapters:

- Intel(R) I350 Gigabit Network Connection (2-port)
- Intel(R) I350 Gigabit Network Connection (4-port)

Intel Online Firmware Upgrade Utility for VMware

Version: 3.25.0 (B) (Recommended)

Important Note!

This software package contains the following firmware versions for the below listed supported network adapters:

NIC	EEPROM/NVM Version	OROM Version	NVM Version
HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	8000F6CA	1.3682.0	9.52
HPE Ethernet 10Gb 2-port SFP+ X710- DA2 Adapter	8000F6C9	1.3682.0	9.52
Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter	8000123F	1.3682.0	N/A
Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter	80001234	1.3682.0	N/A
Intel(R) I350 Gigabit Network Connection (2-port)	8000119C	1.3682.0	N/A
Intel(R) I350 Gigabit Network Connection (4-port)	8000119D	1.3682.0	N/A

The combo image v1.3682.0 includes: Boot Agent: 1GbE - v1.5.90, 10GbE - v2.4.54, 40GbE - v1.1.45 & UEFI Drivers: 1GbE - v9.8.62, 10GbE - v8.2.47, 40GbE - v5.0.12 Single NVM Version is new firmware format which represent an unified version in place of the previously used EEPROM/NVM Version or OROM version.

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Enhancements

This product now supports VMware 9.0

Supported Devices and Features

This package supports the following network adapters:

- HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter
- HPE Ethernet 10Gb 2-port SFP+ X710- DA2 Adapter
- Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter
- Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter
- Intel(R) I350 Gigabit Network Connection (2-port)
- Intel(R) I350 Gigabit Network Connection (4-port)

Intel Online Firmware Upgrade Utility for Windows Server x64 Editions

Version: 5.4.3.0 (B) (Recommended)

Important Note!

This software package contains the following firmware versions for the below listed supported network adapters:

NIC	EEPROM/NVM Version	OROM Version	NVM Version
HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	8000F6CA	1.3682.0	9.52
HPE Ethernet 10Gb 2-port SFP+ X710- DA2 Adapter	8000F6C9	1.3682.0	9.52
Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter	8000123F	1.3682.0	N/A
Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter	80001234	1.3682.0	N/A
Intel(R) I350 Gigabit Network Connection (2-port)	8000119C	1.3682.0	N/A
Intel(R) I350 Gigabit Network Connection (4-port)	8000119D	1.3682.0	N/A

The combo image v1.3682.0 includes: Boot Agent: 1GbE - v1.5.90, 10GbE - v2.4.54, 40GbE - v1.1.45 & UEFI Drivers: 1GbE - v9.8.62, 10GbE - v8.2.47, 40GbE - v5.0.12 Single NVM Version is new firmware format which represent an unified version in place of the previously used EEPROM/NVM Version or OROM version.

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Enhancements

This product now supports Azure Stack HCI OS.

Supported Devices and Features

This package supports the following network adapters:

- HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter
- HPE Ethernet 10Gb 2-port SFP+ X710- DA2 Adapter
- Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter
- Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter
- Intel(R) I350 Gigabit Network Connection (2-port)
- Intel(R) I350 Gigabit Network Connection (4-port)

Mellanox Firmware Package (FWPKG) - Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE

Version: 26.43.1014 (Recommended)

Ax.pldm.json

Important Note!

Disclaimer: Certain software including drivers and documents may be available from NVIDIA. If you select

a URL that directs you to http://www.nvidia.com/, you are then leaving HPE.com. Please follow the instructions on http://www.nvidia.com/ to download NVIDIA software or documentation. When downloading the NVIDIA software or documentation, you may be subject to NVIDIA terms and conditions, including licensing terms, if any, provided on its website or otherwise. HPE is not responsible for your use of any software or documents that you download from http://www.nvidia.com/, except that HPE may provide a limited warranty for NVIDIA software in accordance with the terms and conditions of your purchase of the HPE product or solution.A list of known issues with this release is available at: https://docs.nvidia.com/networking/display/connectx6lxfirmwarev26431014/known+issues

Prerequisites

FWPKG will work only if the firmware version flashed on the adapter is 20.27.1016 or later and iLO5 firmware version must be 2.30 or higher.

Fixes

The following issues have been fixed in version 26.43.1014:

- Setup crash would occur when create_sq used invalid mbox. Now the invalid mbox is replaced with a valid DB.
- Fixed the query for FACTORY default NV configuration values. The firmware always returned the "next" value to be applied.

Enhancements

Security Hardening Enhancements: This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your device's firmware to this release to improve the firmware security and reliability of your device.New features and changes included in version 26.43.1014:

- Added a recovery step in case of CQ doorbell getting lost during VF migration.
- Added the option to indicate an error CQE event on every selected function per eSwitch manager. This indication is defined as a new WQE including the relevant information about the error (such as: syndrome, function_id, timestamp, QPs num etc.). The feature is configured using a new general object: RDMA-Telemetry object, and depends on the following new caps:

HCA_CAP.rdma_telemetry_notification_types and HCA_CAP.rdma_telemetry.

- Extended kernel lockdown permission set. The following sub-operations can now be called by tools (permission TOOLS_RESORCES) using new HCA capability bitmask field: tool_partial_cap.

The 5 sub-operations are:

- QUERY_HCA_CAP with other function
- QUERY_VUID with direct data
- QUERY_ROCE_ADDRESS with other vport
- SET_HCA_CAP with other function
- POSTPONE_CONNECTED_QP_TIMEOUT with other vport The new added caps are:
- tool_partial_cap.postpone_conn_qp_timeout_other_vport,
- tool_partial_cap.set_hca_cap_other_func
- tool_partial_cap.query_roce_addr_other_vport
- tool_partial_cap.query_vuid_direct_data

- tool_partial_cap.query_hca_cap_other_func
- Added 'table_type_valid' and 'table_type' fields to the steering action (STC) "Jump To Flow" table parameters to enable the user to jump from NIC_TX to FDB_TX and bypass the ACL table.
- Enabled hop reduction by bypassing NIC domain in various use cases. Such action r educes the number of hops (improves PPS) to deal with mass number of flows and devices. To enable this new capability, a new STC action type "JUMP_TO_FDB_RX" was added to allow jumping into the RX side of a table.

Supported Devices and Features

HPE Part Number Mellanox Ethernet Only Adapters PSID P42044-B21 Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE MT_0000000575

Mellanox Firmware Package (FWPKG) - Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE

Version: 26.43.1014 (Recommended)

Ax.pldm.json

Important Note!

Disclaimer: Certain software including drivers and documents may be available from NVIDIA. If you select a URL that directs you to http://www.nvidia.com/, you are then leaving HPE.com. Please follow the instructions on http://www.nvidia.com/ to download NVIDIA software or documentation. When downloading the NVIDIA software or documentation, you may be subject to NVIDIA terms and conditions, including licensing terms, if any, provided on its website or otherwise. HPE is not responsible for your use of any software or documents that you download from http://www.nvidia.com/, except that HPE may provide a limited warranty for NVIDIA software in accordance with the terms and conditions of your purchase of the HPE product or solution.A list of known issues with this release is available at: https://docs.nvidia.com/networking/display/connectx6lxfirmwarev26431014/known+issues

Prerequisites

FWPKG will work only if the firmware version flashed on the adapter is 20.27.1016 or later and iLO5 firmware version must be 2.30 or higher.

Fixes

The following issues have been fixed in version 26.43.1014:

- Setup crash would occur when create_sq used invalid mbox. Now the invalid mbox is replaced with a valid DB.
- Fixed the query for FACTORY default NV configuration values. The firmware always returned the "next" value to be applied.

Enhancements

Security Hardening Enhancements: This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your device's firmware to this release to improve the

firmware security and reliability of your device.New features and changes included in version 26.43.1014:

- Added a recovery step in case of CQ doorbell getting lost during VF migration.
- Added the option to indicate an error CQE event on every selected function per eSwitch manager. This indication is defined as a new WQE including the relevant information about the error (such as: syndrome, function_id, timestamp, QPs num etc.). The feature is configured using a new general object: RDMA-Telemetry object, and depends on the following new caps:

HCA_CAP.rdma_telemetry_notification_types and HCA_CAP.rdma_telemetry.

- Extended kernel lockdown permission set. The following sub-operations can now be called by tools (permission TOOLS_RESORCES) using new HCA capability bitmask field: tool_partial_cap.

The 5 sub-operations are:

- QUERY_HCA_CAP with other function
- QUERY_VUID with direct data
- QUERY_ROCE_ADDRESS with other vport
- SET_HCA_CAP with other function
- POSTPONE_CONNECTED_QP_TIMEOUT with other vport The new added caps are:
- tool_partial_cap.postpone_conn_qp_timeout_other_vport,
- tool_partial_cap.set_hca_cap_other_func
- tool_partial_cap.query_roce_addr_other_vport
- tool_partial_cap.query_vuid_direct_data
- tool_partial_cap.query_hca_cap_other_func
- Added 'table_type_valid' and 'table_type' fields to the steering action (STC) "Jump To Flow" table parameters to enable the user to jump from NIC_TX to FDB_TX and bypass the ACL table.
- Enabled hop reduction by bypassing NIC domain in various use cases. Such action r educes the number of hops (improves PPS) to deal with mass number of flows and devices. To enable this new capability, a new STC action type "JUMP_TO_FDB_RX" was added to allow jumping into the RX side of a table.

Supported Devices and Features

HPE Part Number Mellanox Ethernet Only Adapters PSID P42041-B21 Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE MT_0000000551

Mellanox Firmware Package (FWPKG) for Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE

Version: 16.35.4030 (Recommended)

Important Note!

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provide a limited warranty for NVIDIA software in accordance with the terms and conditions of your purchase of the HPE product or solution.A list of known issues with this release is available at: https://docs.nvidia.com/networking/display/connectx5firmwarev16354030lts/known+issues

Prerequisites

FWPKG will work only if the firmware version flashed on the adapter is 16.27.1016 or later and iLO5 firmware version must be 2.30 or higher.

Fixes

The following issues have been fixed in version 16.35.4030:

- VF FLR would get stuck when its PF triggered the FLR as well.
- Unexpected source UDP port appeared in RoCE packets when the firmware ignored a non-PF driver configuration for RoCE source UDP port control (as set in SET_HCA_CAP.sw_r_roce_src_udp_port).

Enhancements

Important : Security Hardening Enhancements - This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your device firmware to this version to improve the firmware security and reliability of your device.New features and changes included in version 16.35.4030:

- Added support for postponing QP timeout "retry exceeded" errors for traffic directed at specific destinations. This new capability prevents broken connections for destinations in downtime because of live migration.

Supported Devices and Features

HPE Part Number Mellanox Ethernet Only Adapters PSID P10112-B21 Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE MT_0000000241

Mellanox Firmware Package (FWPKG) for HPE InfiniBand HDR100/Ethernet 100Gb 2-port QSFP56 PCIe4 x16 MCX653106A-ECAT Adapter : HPE part numbers P23666-B21 and P23666-H21

Version: 20.43.1014 (Recommended)

Important Note!

For PLDM enabled VPI (Virtual Protocol Interconnect) adapters supporting both InfiniBand mode and Ethernet modes, every firmware version is made available in two different formats at HPE.com:

1. HPE signed PLDM Firmware Package (.FWPKG filename extension) updatable via iLO.

2. Firmware binary (.bin filename extension) updatable via mstflint utility from the Operating System.

Choose the appropriate firmware file format based on your preference and what suits your environment.ConnectX-6 VPI supports having one port as InfiniBand and the other port as Ethernet according to the following matrix of combinations.

Port #2 - InfiniBand				
Port #1 – Ethernet	HDR/HDR100	EDR	FDR	QDR
200GbE/50GbE	supported	not supported	not supported	supported
100GbE/25GbE	supported	not supported	not supported	supported
40GbE/10GbE	supported	not supported	not supported	supported
1GbE	supported	not supported	not supported	supported

Port #2 - Ethernet				
Port #1 – Ethernet	HDR/HDR100	EDR	FDR	QDR
200GbE/50GbE	supported	supported	not supported	supported
100GbE/25GbE	supported	supported	not supported	supported
40GbE/10GbE	not supported	not supported	not supported	supported
1GbE	supported	supported	not supported	supported

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Prerequisites

FWPKG will work only if the firmware version flashed on the adapter is 20.27.1016 or later and iLO5 firmware version must be 2.30 or higher.

Fixes

The following issues have been fixed in version 20.43.1014:

- Setup crash when "create_sq" used invalid mbox.
- The firmware always returned the "next" value to be applied when querying FACTORY default NV configuration values.

Enhancements

Security Hardening Enhancements: This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your device's firmware to this release to improve the firmware security and reliability of your device.New features and changes included in version 20.43.1014:

- Added the option to indicate an error CQE event on every selected function per eSwitch manager. This indication is defined as a new WQE including the relevant information about the error (such as: syndrome, function_id, timestamp, QPs num etc.).
- Extended kernel lockdown permission set. The following sub-operations can now be called by tools

(permission TOOLS_RESORCES) using new HCA capability bitmask field: tool_partial_cap.

The 5 sub-operations are:

- QUERY_HCA_CAP with other function
- QUERY_VUID with direct data
- QUERY_ROCE_ADDRESS with other vport
- SET_HCA_CAP with other function
- POSTPONE_CONNECTED_QP_TIMEOUT with other vport The new added caps are:
- tool_partial_cap.postpone_conn_qp_timeout_other_vport,
- tool_partial_cap.set_hca_cap_other_func
- tool_partial_cap.query_roce_addr_other_vport
- tool_partial_cap.query_vuid_direct_data
- tool_partial_cap.query_hca_cap_other_func

Supported Devices and Features

This software package contains the following firmware versions:

Mellanox InfiniBand Adapter	Firmware Version	PSID
HPE InfiniBand HDR100/Ethernet 100Gb 2-port QSFP56 PCIe4 x16 MCX653106A-ECAT Adapter (P23666-B21 and P23666-H21)	20.43.1014	MT_0000000453

Mellanox Firmware Package (FWPKG) for Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE

Version: 22.43.1014 (Recommended)

Ax.pldm.json

Important Note!

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Prerequisites

FWPKG will work only if the firmware version flashed on the adapter is 22.27.1016 or later and iLO5 firmware version must be 2.30 or higher.

Fixes

The following issues have been fixed in version 22.43.1014:

- Setup crash would occur when create_sq used invalid mbox. Now the invalid mbox is replaced with a valid DB.
- An upgrade issue that required firmware v22.36.1010 as an intermediate version when upgrading the firmware from v22.33.0428 or below to versions above 22.36.1010.
- Fixed the query for FACTORY default NV configuration values. The firmware always returned the "next" value to be applied.

Enhancements

Security Hardening Enhancements: This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your device's firmware to this release to improve the firmware security and reliability of your device.New features and changes included in version 22.43.1014:

- Added a recovery step in case of CQ doorbell getting lost during VF migration.
- Added the option to indicate an error CQE event on every selected function per eSwitch manager. This indication is defined as a new WQE including the relevant information about the error (such as: syndrome, function_id, timestamp, QPs num etc.). The feature is configured using a new general object: RDMA-Telemetry object, and depends on the following new caps:

HCA_CAP.rdma_telemetry_notification_types and HCA_CAP.rdma_telemetry .

- Extended kernel lockdown permission set. The following sub-operations can now be called by tools (permission TOOLS_RESORCES) using new HCA capability bitmask field: tool_partial_cap.

The 5 sub-operations are:

- QUERY_HCA_CAP with other function
- QUERY_VUID with direct data
- QUERY_ROCE_ADDRESS with other vport
- SET_HCA_CAP with other function
- POSTPONE_CONNECTED_QP_TIMEOUT with other vport The new added caps are:
- tool_partial_cap.postpone_conn_qp_timeout_other_vport,
- tool_partial_cap.set_hca_cap_other_func
- tool_partial_cap.query_roce_addr_other_vport
- tool_partial_cap.query_vuid_direct_data
- tool_partial_cap.query_hca_cap_other_func
- Added 'table_type_valid' and 'table_type' fields to the steering action (STC) "Jump To Flow" table parameters to enable the user to jump from NIC_TX to FDB_TX and bypass the ACL table.
- Enabled hop reduction by bypassing NIC domain in various use cases. Such action reduces the number of hops (improves PPS) to deal with mass number of flows and devices. To enable this new capability, a new STC action type "JUMP_TO_FDB_RX" was added to allow jumping into the RX side of a table.
- Added support for QoS scheduling across multiple E-Switches grouped in a LAG. VPort members of a Physical Function can be added to a rate group from another Physical Function and rate limits of the group will apply to those VPort members as well.
- Increased the maximum number of supported "ARC-IN" from 1 to 8 and "ARCOUT" from 3 to 8 for the dynamic flex parser.

Supported Devices and Features

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
P25960-B21	Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE	MT_0000000437

Mellanox Firmware Package(FWPKG) for HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACHT Adapter

Version: 16.35.4030 (Recommended)

Important Note!

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Prerequisites

FWPKG will work only if the firmware version flashed on the adapter is 16.27.1016 or later and iLO5 firmware version must be 2.30 or higher.

Fixes

The following issues have been fixed in version 16.35.4030:

- VF FLR would get stuck when its PF triggered the FLR as well.
- Unexpected source UDP port appeared in RoCE packets when the firmware ignored a non-PF driver configuration for RoCE source UDP port control (as set in SET_HCA_CAP.sw_r_roce_src_udp_port).

Enhancements

Important : Security Hardening Enhancements - This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your device firmware to this version to improve the firmware security and reliability of your device.New features and changes included in version 16.35.4030:

- Added support for postponing QP timeout "retry exceeded" errors for traffic directed at specific destinations. This new capability prevents broken connections for destinations in downtime because of live migration.

Supported Devices and Features

HPE Part Number	Mellanox Ethernet Only Adapters	PSID

P13188-B21	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACHT Adapter	MT_0000000416

NVIDIA Firmware Package (FWPKG) for HPE InfiniBand NDR200/Ethernet 200Gb 1-port OSFP PCIe5 x16 MCX75310AAS-HEAT Adapter : HPE part numbers P45642-B22 and P45642-H22

Version: 28.44.1036 (Recommended)

HPE2_Ax.pldm.json

Important Note!

For PLDM enabled VPI (Virtual Protocol Interconnect) adapters supporting both InfiniBand mode and Ethernet modes, every firmware version is made available in two different formats at HPE.com:1. HPE signed PLDM Firmware Package (.FWPKG filename extension) updatable via iLO.2. Firmware binary (.bin filename extension) updatable via mstflint utility from the Operating System.Choose the appropriate firmware file format based on your preference and what suits your environment.Disclaimer: Certain software including drivers and documents may be available from NVIDIA. If you select a URL that directs you to http://www.nvidia.com/, you are then leaving HPE.com. Please follow the instructions on http://www.nvidia.com/ to download NVIDIA software or documentation. When downloading the NVIDIA software or documentation, you may be subject to NVIDIA terms and conditions, including licensing terms, if any, provided on its website or otherwise. HPE is not responsible for your use of any software or documents that you download from http://www.nvidia.com/, except that HPE may provide a limited warranty for NVIDIA software in accordance with the terms and conditions of your purchase of the HPE product or solution.A list of known issues with this release is available at: https://docs.nvidia.com/networking/display/connectx7firmwarev28441036/known+issues

Prerequisites

FWPKG will work only if the iLO5 firmware version is 2.30 or higher.

Fixes

The following issues have been fixed in version 28.44.1036:

- Cable info semaphore deadlock.
- Improper error handling for the TLV full list, which caused the TLV mechanism to hang.
- The SPDM GET_CERTIFICATE operation did not support all certificate chain offsets and chunk sizes.
- An issue in VDPA where destroying a virtq would cause a health buffer syndrome with ext_synd=0x8f33 if the virtq was created without an mkey or with unmanned and mapped mkeys during live migration.
- The VDPA feature bits GUEST_TSO4 and GUEST_TSO6 were unexpectedly set by default, leading to traffic interruptions.
- Enabling PCC NP and setting the link type to one port as IB and the other as Ethernet could cause an assert to appear in dmesg with ext_synd 0x8309.

Enhancements

New features and changes included in version 28.44.1036:

- Increased the RX lossless buffer size to delay the transmission of Pause/PFC frames during NIC congestion.

- Added support for SyncE at 1G link speed.
- Added a new mechanism for allocations and deallocations flows to enhance parallelism.
- When using a multi-host deployment, each host is assigned unique ports and PFs and manages its own LAG.
- Added support for a new synchronized flow, including a tool and driver, to perform a fwreset on setups with a PCIe switch configuration.
- Unified PTP is now supported across different VFs on the same PF.
- Added support for new MADs: PortRecoveryPolicyConfig and PortRecoveryPolicyCounters . During the PHY recovery process, the firmware core will indicate the port_logical_state as Active.
- Added a new NV config (SM_DISABLE, default 0) which, when enabled, blocks SMP traffic that does not originate from the SM.
- Added the ability to set cable length as a parameter in the PFCC access register. The cable length is used in the calculation of RX lossless buffer parameters, including size, Xoff, and Xon thresholds.

Supported Devices and Features

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
P45642-B22	HPE InfiniBand NDR200/Ethernet 200Gb 1-port OSFP PCIe5 x16 MCX75310AAS-HEAT Adapter (P45642-B22 and P45642-H22)	MT_0000001119

Online Firmware Upgrade Utility (ESXi 8.0) for HPE Mellanox Ethernet only adapters

Version: 1.0.5 (Recommended)

Important Note!

The Firmware Upgrade Utility has been split into 2 packages for Mellanox Ethernet Only NIC adpaters, one supporting Synergy platforms and the other supporting ProLiant and Apollo platforms. This package supports Mellanox Ethernet Only NIC adapters on ProLiant and Apollo servers.

Prerequisites

Use iLO5 firmware version 2.30 or higher with ConnectX4-Lx/ConnectX5 firmware version 14.32.1010/16.32.1010 (or later) respectively. Thermal sensor reporting on the adapter will not be functional with older versions of iLO5 firmware.

Fixes

No fixes have been included in firmware version 14.32.1900.The following issues have been fixed in firmware version 16.35.4030:

- VF FLR would get stuck when its PF triggered the FLR as well.
- Unexpected source UDP port appeared in RoCE packets when the firmware ignored a non-PF driver configuration for RoCE source UDP port control (as set in SET_HCA_CAP.sw_r_roce_src_udp_port).

Enhancements

Firmware for the following devices has been updated to 14.32.1900:

- 817749-B21 (HPE Ethernet 25Gb 2-port 640FLR-SFP28 Adapter)
- 817753-B21 (HPE Ethernet 25Gb 2-port 640SFP28 Adapter) Firmware for the following device has been updated to 16.35.4030:

Security Hardening Enhancements This release contains important reliability improvements and security hardening enhancements. NVIDIA recommends upgrading your devices firmware to this release to improve the devices' firmware security and reliability.

No new features or changes have been included in firmware version 14.32.1900.New features and changes included in firmware version 16.35.4030:

- Added support for postponing QP timeout "retry exceeded" errors for traffic directed at specific destinations. This new capability prevents broken connections for destinations in downtime because of live migration.

Supported Devices and Features

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
817749-B21	HPE Ethernet 25Gb 2port 640FLR-SFP28 Adapter	HP_2690110034
817753-B21	HPE Ethernet 25Gb 2 port 640SFP28 Adapter	HP_2420110034

Online Firmware Upgrade Utility (ESXi 8.0) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 8.0

Version: 1.0.4 (Recommended)

Fixes

No new fixes have been added in version 12.28.2302.The following issues have been fixed in version 16.35.4030:

- VF FLR would get stuck when its PF triggered the FLR as well.
- Unexpected source UDP port appeared in RoCE packets when the firmware ignored a non-PF driver configuration for RoCE source UDP port control (as set in SET_HCA_CAP.sw_r_roce_src_udp_port).

Enhancements

Firmware for the following devices has been updated to 16.35.4030:

- 872726-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter)

Important : Security Hardening Enhancements - This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your device firmware to this version to improve the firmware security and reliability of your device.

No new Features and changes included in version 12.28.2302.New features and changes included in version 16.35.4030:

- Added support for postponing QP timeout "retry exceeded" errors for traffic directed at specific destinations. This new capability prevents broken connections for destinations in downtime

because of live migration.

Supported Devices and Features

HPE Part Number	Device Name	PSID
872726-B21	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	HPE0000000009

Online Firmware Upgrade Utility (ESXi 8.0) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX6 devices on VMware ESXi 8.0

Version: 1.0.6 (Recommended)

Important Note!

ConnectX-6 VPI supports having one port as InfiniBand and the other port as Ethernet according to the following matrix of combinations.

Port #2 - InfiniBand				
Port #1 – Ethernet	HDR/HDR100	EDR	FDR	QDR
200GbE/50GbE	supported	not supported	not supported	supported
100GbE/25GbE	supported	not supported	not supported	supported
40GbE/10GbE	supported	not supported	not supported	supported
1GbE	supported	not supported	not supported	supported

Port #2 - Ethernet				
Port #1 – Ethernet	HDR/HDR100	EDR	FDR	QDR
200GbE/50GbE	supported	supported	not supported	supported
100GbE/25GbE	supported	supported	not supported	supported
40GbE/10GbE	not supported	not supported	not supported	supported
1GbE	supported	supported	not supported	supported

Prerequisites

Use iLO5 firmware version 2.30 or higher with ConnectX6 firmware version 20.32.1010. Thermal sensor reporting on the adapter will not be functional with older versions of iLO5 firmware.

Fixes

The following issues have been fixed in version 20.43.1014:

- Setup crash when "create_sq" used invalid mbox.
- The firmware always returned the "next" value to be applied when querying FACTORY default NV configuration values.

Enhancements

Firmware for the following devices has been updated to 20.43.1014:

- HPE InfiniBand HDR100/Ethernet 100Gb 2-port QSFP56 PCIe3 x16 MCX653106AECAT Adapter -

P06251-B21

Security Hardening Enhancements: This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your device's firmware to this release to improve the firmware security and reliability of your device.

New features and changes included in version 20.43.1014:

- Added the option to indicate an error CQE event on every selected function per eSwitch manager. This indication is defined as a new WQE including the relevant information about the error (such as: syndrome, function_id, timestamp, QPs num etc.).
- Extended kernel lockdown permission set. The following sub-operations can now be called by tools (permission TOOLS_RESORCES) using new HCA capability bitmask field: tool_partial_cap.

The 5 sub-operations are:

- QUERY_HCA_CAP with other function
- QUERY_VUID with direct data
- QUERY_ROCE_ADDRESS with other vport
- SET_HCA_CAP with other function
- POSTPONE_CONNECTED_QP_TIMEOUT with other vport The new added caps are:
- tool_partial_cap.postpone_conn_qp_timeout_other_vport,
- tool_partial_cap.set_hca_cap_other_func
- tool_partial_cap.query_roce_addr_other_vport
- tool_partial_cap.query_vuid_direct_data
- tool_partial_cap.query_hca_cap_other_func

Supported Devices and Features

HPE Part Number	Device Name	PSID
P06251-B21	HPE InfiniBand HDR100/Ethernet 100Gb 2-port QSFP56 PCIe3 x16 MCX653106A-ECAT Adapter	HPE0000000036

Online Firmware Upgrade Utility (ESXi 9.0) for HPE Mellanox Ethernet only adapters

Version: 1.0.0 (Recommended)

Important Note!

The Firmware Upgrade Utility has been split into 2 packages for Mellanox Ethernet Only NIC adpaters, one supporting Synergy platforms and the other supporting ProLiant and Apollo platforms. This package supports Mellanox Ethernet Only NIC adapters on ProLiant and Apollo servers.

Prerequisites

Use iLO5 firmware version 2.30 or higher with ConnectX4-Lx/ConnectX5 firmware version 14.32.1010/16.32.1010 (or later) respectively. Thermal sensor reporting on the adapter will not be functional with older versions of iLO5 firmware.

Fixes

No fixes have been included in firmware version 14.32.1900.The following issues have been fixed in firmware version 16.35.4030:

- VF FLR would get stuck when its PF triggered the FLR as well.
- Unexpected source UDP port appeared in RoCE packets when the firmware ignored a non-PF driver configuration for RoCE source UDP port control (as set in SET_HCA_CAP.sw_r_roce_src_udp_port).

Enhancements

Firmware for the following devices has been updated to 14.32.1900:

- 817749-B21 (HPE Ethernet 25Gb 2-port 640FLR-SFP28 Adapter)
- 817753-B21 (HPE Ethernet 25Gb 2-port 640SFP28 Adapter) Firmware for the following device has been updated to 16.35.4030:

Security Hardening Enhancements This release contains important reliability improvements and security hardening enhancements. NVIDIA recommends upgrading your devices firmware to this release to improve the devices' firmware security and reliability.

No new features or changes have been included in firmware version 14.32.1900.New features and changes included in firmware version 16.35.4030:

- Added support for postponing QP timeout "retry exceeded" errors for traffic directed at specific destinations. This new capability prevents broken connections for destinations in downtime because of live migration.

Supported Devices and Features

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
817749-B21	HPE Ethernet 25Gb 2port 640FLR-SFP28 Adapter	HP_2690110034
817753-B21	HPE Ethernet 25Gb 2 port 640SFP28 Adapter	HP_2420110034

Online Firmware Upgrade Utility (ESXi 9.0) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 9.0

Version: 1.0.0 (Recommended)

Fixes

No new fixes have been added in version 12.28.2302.The following issues have been fixed in version 16.35.4030:

- VF FLR would get stuck when its PF triggered the FLR as well.
- Unexpected source UDP port appeared in RoCE packets when the firmware ignored a non-PF driver configuration for RoCE source UDP port control (as set in SET_HCA_CAP.sw_r_roce_src_udp_port).

Enhancements

Firmware for the following devices has been updated to 20.43.1014:

- HPE InfiniBand HDR100/Ethernet 100Gb 2-port QSFP56 PCIe3 x16 MCX653106AECAT Adapter - P06251-B21

Security Hardening Enhancements: This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your device's firmware to this release to improve the firmware security and reliability of your device.

No new Features and changes included in version 12.28.2302.New features and changes included in version 16.35.4030:

- Added support for postponing QP timeout "retry exceeded" errors for traffic directed at specific destinations. This new capability prevents broken connections for destinations in downtime because of live migration.

Supported Devices and Features

HPE Part Number	Device Name	PSID
872726-B21	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	HPE0000000009

Online Firmware Upgrade Utility (ESXi 9.0) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX6 devices on VMware ESXi 9.0

Version: 1.0.0 (Recommended)

Important Note!

ConnectX-6 VPI supports having one port as InfiniBand and the other port as Ethernet according to the following matrix of combinations.

Port #2 - InfiniBand				
Port #1 – Ethernet	HDR/HDR100	EDR	FDR	QDR
200GbE/50GbE	supported	not supported	not supported	supported
100GbE/25GbE	supported	not supported	not supported	supported
40GbE/10GbE	supported	not supported	not supported	supported
1GbE	supported	not supported	not supported	supported

Port #2 - Ethernet				
Port #1 – Ethernet	HDR/HDR100	EDR	FDR	QDR
200GbE/50GbE	supported	supported	not supported	supported
100GbE/25GbE	supported	supported	not supported	supported
40GbE/10GbE	not supported	not supported	not supported	supported
1GbE	supported	supported	not supported	supported

Prerequisites

Use iLO5 firmware version 2.30 or higher with ConnectX6 firmware version 20.32.1010. Thermal sensor reporting on the adapter will not be functional with older versions of iLO5 firmware.

Fixes

The following issues have been fixed in version 20.43.1014:

- Setup crash when "create_sq" used invalid mbox.
- The firmware always returned the "next" value to be applied when querying FACTORY default NV configuration values.

Enhancements

Firmware for the following devices has been updated to 20.43.1014:

HPE InfiniBand HDR100/Ethernet 100Gb 2-port QSFP56 PCIe3 x16 MCX653106AECAT Adapter - P06251-B21 Security Hardening Enhancements: This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your device's firmware to this release to improve the firmware security and reliability of your device.

New features and changes included in version 20.43.1014:

- Added the option to indicate an error CQE event on every selected function per eSwitch manager. This indication is defined as a new WQE including the relevant information about the error (such as: syndrome, function_id, timestamp, QPs num etc.).
- Extended kernel lockdown permission set. The following sub-operations can now be called by tools (permission TOOLS_RESORCES) using new HCA capability bitmask field: tool_partial_cap.

The 5 sub-operations are:

- QUERY_HCA_CAP with other function
- QUERY_VUID with direct data
- QUERY_ROCE_ADDRESS with other vport
- SET_HCA_CAP with other function
- POSTPONE_CONNECTED_QP_TIMEOUT with other vport The new added caps are:
- tool_partial_cap.postpone_conn_qp_timeout_other_vport,
- tool_partial_cap.set_hca_cap_other_func
- tool_partial_cap.query_roce_addr_other_vport
- tool_partial_cap.query_vuid_direct_data
- tool_partial_cap.query_hca_cap_other_func

Supported Devices and Features

HPE Part Number	Device Name	PSID
P06251-B21	HPE InfiniBand HDR100/Ethernet 100Gb 2-port QSFP56 PCIe3 x16 MCX653106A-ECAT Adapter	HPE0000000036

Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox Ethernet only adapters

Version: 1.0.22 (Recommended)

Important Note!

The Firmware Upgrade Utility has been split into 2 packages for Mellanox Ethernet Only NIC adpaters, one supporting Synergy platforms and the other supporting ProLiant and Apollo platforms. This package supports Mellanox Ethernet Only NIC adapters on ProLiant and Apollo servers.

Prerequisites

Use iLO5 firmware version 2.30 or higher with ConnectX4-Lx/ConnectX5 firmware version 14.32.1010/16.32.1010 (or later) respectively. Thermal sensor reporting on the adapter will not be functional with older versions of iLO5 firmware.

Fixes

No fixes have been included in firmware version 14.32.1900.The following issues have been fixed in firmware version 16.35.4030:

- VF FLR would get stuck when its PF triggered the FLR as well.
- Unexpected source UDP port appeared in RoCE packets when the firmware ignored a non-PF driver configuration for RoCE source UDP port control (as set in SET_HCA_CAP.sw_r_roce_src_udp_port).

Enhancements

Firmware for the following devices has been updated to 14.32.1900:

- 817749-B21 (HPE Ethernet 25Gb 2-port 640FLR-SFP28 Adapter)
- 817753-B21 (HPE Ethernet 25Gb 2-port 640SFP28 Adapter) Firmware for the following device has been updated to 16.35.4030:

874253-B21 (HPE Ethernet 100Gb 1-port 842QSFP28 Adapter) Security Hardening Enhancements This release contains important reliability improvements and security hardening enhancements. NVIDIA recommends upgrading your devices firmware to this release to improve the devices' firmware security and reliability.

No new features or changes have been included in firmware version 14.32.1900.New features and changes included in firmware version 16.35.4030:

- Added support for postponing QP timeout "retry exceeded" errors for traffic directed at specific destinations. This new capability prevents broken connections for destinations in downtime because of live migration.

Supported Devices and Features

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
817749-B21	HPE Ethernet 25Gb 2port 640FLR-SFP28 Adapter	HP_2690110034
817753-B21	HPE Ethernet 25Gb 2 port 640SFP28 Adapter	HP_2420110034

Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Linux x86_64 platform

Version: 1.0.17 (Recommended)

Fixes

No new fixes have been added in version 12.28.2302.The following issues have been fixed in version 16.35.4030:

- VF FLR would get stuck when its PF triggered the FLR as well.
- Unexpected source UDP port appeared in RoCE packets when the firmware ignored a non-PF driver configuration for RoCE source UDP port control (as set in SET_HCA_CAP.sw_r_roce_src_udp_port).

Enhancements

Firmware for the following devices has been updated to 16.35.4030:

- 872726-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter)

872726-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter) Important : Security Hardening Enhancements - This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your device firmware to this version to improve the firmware security and reliability of your device.

No new Features and changes included in version 12.28.2302.New features and changes included in version 16.35.4030:

- Added support for postponing QP timeout "retry exceeded" errors for traffic directed at specific destinations. This new capability prevents broken connections for destinations in downtime because of live migration.

Supported Devices and Features

HPE Part Number	Device Name	PSID
872726-B21	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	HPE0000000009

Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX6 devices on Linux x86_64 platform

Version: 1.0.16 (Recommended)

Important Note!

ConnectX-6 VPI supports having one port as InfiniBand and the other port as Ethernet according to the following matrix of combinations.

Port #2 - InfiniBand				
Port #1 – Ethernet	HDR/HDR100	EDR	FDR	QDR
200GbE/50GbE	supported	not supported	not supported	supported
100GbE/25GbE	supported	not supported	not supported	supported
40GbE/10GbE	supported	not supported	not supported	supported
1GbE	supported	not supported	not supported	supported

Port #2 - Ethernet				
Port #1 – Ethernet	HDR/HDR100	EDR	FDR	QDR
200GbE/50GbE	supported	supported	not supported	supported
100GbE/25GbE	supported	supported	not supported	supported
40GbE/10GbE	not supported	not supported	not supported	supported
1GbE	supported	supported	not supported	supported

Prerequisites

Use iLO5 firmware version 2.30 or higher with ConnectX6 firmware version 20.32.1010. Thermal sensor reporting on the adapter will not be functional with older versions of iLO5 firmware.

Fixes

The following issues have been fixed in version 20.43.1014:

- Setup crash when "create_sq" used invalid mbox.
- The firmware always returned the "next" value to be applied when querying FACTORY default NV configuration values.

Enhancements

Firmware for the following devices has been updated to 20.43.1014:

HPE InfiniBand HDR100/Ethernet 100Gb 2-port QSFP56 PCIe3 x16 MCX653106AECAT Adapter - P06251-B21 Security Hardening Enhancements: This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your device's firmware to this release to improve the firmware security and reliability of your device.

New features and changes included in version 20.43.1014:

- Added the option to indicate an error CQE event on every selected function per eSwitch manager. This indication is defined as a new WQE including the relevant information about the error (such as: syndrome, function_id, timestamp, QPs num etc.).
- Extended kernel lockdown permission set. The following sub-operations can now be called by tools (permission TOOLS_RESORCES) using new HCA capability bitmask field: tool_partial_cap.

The 5 sub-operations are:

- QUERY_HCA_CAP with other function
- QUERY_VUID with direct data
- QUERY_ROCE_ADDRESS with other vport
- SET_HCA_CAP with other function
- POSTPONE_CONNECTED_QP_TIMEOUT with other vport The new added caps are:
- tool_partial_cap.postpone_conn_qp_timeout_other_vport,
- tool_partial_cap.set_hca_cap_other_func
- tool_partial_cap.query_roce_addr_other_vport
- tool_partial_cap.query_vuid_direct_data
- tool_partial_cap.query_hca_cap_other_func

Supported Devices and Features

HPE Part Number	Device Name	PSID
P06251-B21	HPE InfiniBand HDR100/Ethernet 100Gb 2-port QSFP56 PCIe3 x16 MCX653106A-ECAT Adapter	HPE0000000036

Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox Ethernet only adapters

Version: 1.0.0.22 (A) (Recommended)

Important Note!

The Firmware Upgrade Utility has been split into 2 packages for Mellanox Ethernet Only NIC adpaters, one supporting Synergy platforms and the other supporting ProLiant and Apollo platforms. This package supports Mellanox Ethernet Only NIC adapters on ProLiant and Apollo servers.

Prerequisites

Use iLO5 firmware version 2.30 or higher with ConnectX4-Lx/ConnectX5 firmware version 14.32.1010/16.32.1010 (or later) respectively. Thermal sensor reporting on the adapter will not be functional with older versions of iLO5 firmware.

Fixes

No fixes have been included in firmware version 14.32.1900.The following issues have been fixed in firmware version 16.35.4030:

- VF FLR would get stuck when its PF triggered the FLR as well.
- Unexpected source UDP port appeared in RoCE packets when the firmware ignored a non-PF driver configuration for RoCE source UDP port control (as set in SET_HCA_CAP.sw_r_roce_src_udp_port).

Enhancements

Firmware for the following devices has been updated to 14.32.1900:

- 817749-B21 (HPE Ethernet 25Gb 2-port 640FLR-SFP28 Adapter)
- 817753-B21 (HPE Ethernet 25Gb 2-port 640SFP28 Adapter) Firmware for the following device has been updated to 16.35.4030:

874253-B21 (HPE Ethernet 100Gb 1-port 842QSFP28 Adapter) Security Hardening Enhancements This release contains important reliability improvements and security hardening enhancements. NVIDIA recommends upgrading your devices firmware to this release to improve the devices' firmware security and reliability.

New changes included in component version 1.0.0.22(A):

- Added support for Azure Stack HCI 23H2 in the component metadata.

No new features or changes have been included in firmware version 14.32.1900.New features and changes included in firmware version 16.35.4030:

- Added support for postponing QP timeout "retry exceeded" errors for traffic directed at specific destinations. This new capability prevents broken connections for destinations in downtime because of live migration.

Supported Devices and Features

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
817749-B21	HPE Ethernet 25Gb 2port 640FLR-SFP28 Adapter	HP_2690110034
817753-B21	HPE Ethernet 25Gb 2 port 640SFP28 Adapter	HP_2420110034

Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Windows x86_64 platform

Version: 1.0.0.16 (A) (Recommended)

Fixes

No new fixes have been added in version 12.28.2302.The following issues have been fixed in version 16.35.4030:

- VF FLR would get stuck when its PF triggered the FLR as well.
- Unexpected source UDP port appeared in RoCE packets when the firmware ignored a non-PF driver configuration for RoCE source UDP port control (as set in SET_HCA_CAP.sw_r_roce_src_udp_port).

Enhancements

Firmware for the following devices has been updated to 16.35.4030:

- 872726-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter)

872726-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter) Important : Security Hardening Enhancements - This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your device firmware to this version to improve the firmware security and reliability of your device.

Changes included in component version 1.0.0.16(A):

- Added support for Azure Stack HCI 23H2 in the component metadata.

No new Features and changes included in version 12.28.2302.New features and changes included in version 16.35.4030:

- Added support for postponing QP timeout "retry exceeded" errors for traffic directed at specific destinations. This new capability prevents broken connections for destinations in downtime because of live migration.

Supported Devices and Features

HPE Part Number	Device Name	PSID
872726-B21	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	HPE0000000009

Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX6 devices on Windows x86_64 platform

Version: 1.0.0.12 (Recommended)

Important Note!

ConnectX-6 VPI supports having one port as InfiniBand and the other port as Ethernet according to the following matrix of combinations.

Port #2 - InfiniBand				
Port #1 – Ethernet	HDR/HDR100	EDR	FDR	QDR
200GbE/50GbE	supported	not supported	not supported	supported
100GbE/25GbE	supported	not supported	not supported	supported
40GbE/10GbE	supported	not supported	not supported	supported
1GbE	supported	not supported	not supported	supported

Port #2 - Ethernet				
Port #1 – Ethernet	HDR/HDR100	EDR	FDR	QDR
200GbE/50GbE	supported	supported	not supported	supported
100GbE/25GbE	supported	supported	not supported	supported
40GbE/10GbE	not supported	not supported	not supported	supported
1GbE	supported	supported	not supported	supported

Prerequisites

Use iLO5 firmware version 2.30 or higher with ConnectX6 firmware version 20.32.1010. Thermal sensor reporting on the adapter will not be functional with older versions of iLO5 firmware.

Fixes

The following issues have been fixed in version 20.43.1014:

- Setup crash when "create_sq" used invalid mbox.
- The firmware always returned the "next" value to be applied when querying FACTORY default NV configuration values.

Enhancements

Firmware for the following devices has been updated to 20.43.1014:

- HPE InfiniBand HDR100/Ethernet 100Gb 2-port QSFP56 PCIe3 x16 MCX653106AECAT Adapter - P06251-B21

Security Hardening Enhancements: This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your device's firmware to this release to improve the firmware security and reliability of your device.

New features and changes included in version 20.43.1014:

- Added the option to indicate an error CQE event on every selected function per eSwitch manager. This indication is defined as a new WQE including the relevant information about the error (such as: syndrome, function_id, timestamp, QPs num etc.).
- Extended kernel lockdown permission set. The following sub-operations can now be called by tools (permission TOOLS_RESORCES) using new HCA capability bitmask field: tool_partial_cap.

The 5 sub-operations are:

- QUERY_HCA_CAP with other function
- QUERY_VUID with direct data
- QUERY_ROCE_ADDRESS with other vport
- SET_HCA_CAP with other function
- POSTPONE_CONNECTED_QP_TIMEOUT with other vport The new added caps are:
- tool_partial_cap.postpone_conn_qp_timeout_other_vport,
- tool_partial_cap.set_hca_cap_other_func
- tool_partial_cap.query_roce_addr_other_vport
- tool_partial_cap.query_vuid_direct_data
- tool_partial_cap.query_hca_cap_other_func

Supported Devices and Features

HPE Part Number	Device Name	PSID
P06251-B21	HPE InfiniBand HDR100/Ethernet 100Gb 2-port QSFP56 PCIe3 x16 MCX653106A-ECAT Adapter	HPE0000000036

Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives

Version: GPK7 (G) (Recommended)

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Online NVMe SSD Flash Component for Linux (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives

Version: GPK5 (G) (Recommended)

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives

Version: GPK7 (G) (Recommended)

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives

Version: HPK3 (O) (Recommended)

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives

Version: HPK3 (D) (Recommended)

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Online NVMe SSD Flash Component for Linux (x64) - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives

Version: HPK3 (D) (Recommended)

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives

Version: HPK5 (I) (Recommended)

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Online NVMe SSD Flash Component for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives

Version: HPK6 (B) (Recommended)

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives

Version: 4ICRHPK3 (M) (Recommended)

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN Drives

Version: 85032G00 (J) (Recommended)

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Online NVMe SSD Flash Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives

Version: HPK6 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Enhancements

- Added support for ESXi 9.0.

Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives

Version: HPK3 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Enhancements

- Added support for ESXi 9.0.

Online NVMe SSD Flash Component for VMware ESXi - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives

Version: HPK3 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Enhancements

- Added support for ESXi 9.0.

Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives

Version: GPK7 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Enhancements

- Added support for ESXi 9.0.

Online NVMe SSD Flash Component for VMware ESXi - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives

Version: GPK5 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Enhancements

- Added support for ESXi 9.0.

Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives

Version: GPK7 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Enhancements

- Added support for ESXi 9.0.

Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives

Version: HPK3 (H) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Enhancements

- Added support for ESXi 9.0.

Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives

Version: HPK5 (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Enhancements

- Added support for ESXi 9.0.

Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives

Version: 4ICRHPK3 (H) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Enhancements

- Added support for ESXi 9.0.

Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWXFP and VS003840KWXFQ Drives

Version: 85032G00 (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Enhancements

- Added support for ESXi 9.0.

Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives

Version: GPK7 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Enhancements

- Added support for Azure Stack HCI 23H2

Online NVMe SSD Flash Component for Windows (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives

Version: GPK5 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Enhancements

- Added support for Azure Stack HCI 23H2

Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives

Version: GPK7 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Enhancements

- Added support for Azure Stack HCI 23H2

Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives

Version: HPK3 (H) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Enhancements

- Added support for Azure Stack HCI 23H2

Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT,

MO003200KWUDU and MO006400KWUDV Drives

Version: HPK3 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Enhancements

- Added support for Azure Stack HCI 23H2

Online NVMe SSD Flash Component for Windows (x64) - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives

Version: HPK3 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Enhancements

- Added support for Azure Stack HCI 23H2

Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives

Version: HPK5 (F) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Enhancements

- Added support for Azure Stack HCI 23H2

Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives

Version: HPK6 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Enhancements

- Added support for Azure Stack HCI 23H2

Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives

Version: 4ICRHPK3 (H) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Enhancements

- Added support for Azure Stack HCI 23H2

Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN drives

Version: 85032G00 (F) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Enhancements

- Added support for Azure Stack HCI 23H2

Universal Firmware Package for Drives - MO000800KYDZK, MO001600KYDZR, MO003200KYDZT, MO006400KYDZU, VO000960KYDZH, VO001920KYDZL, VO003840KYDZN, VO001536KYDZQ and VO007680KYDZP

Version: HPK1 (Recommended)

Fixes

- Changes and improvements made in HPK1 are to enhance receiver signals by changing the drive's internal PHY register values on Gen11 x2 direct attached system.

Universal Firmware Package for Drives - MO001600KZYWU, MO003200KZYXB, MO006400KZYXC, VO001920KZYWT, VO003840KZYWV and VO007680KZYXA

Version: HPK5 (Recommended)

Fixes

- This firmware provides bug fixes for the P5620/P5520.

Universal Firmware Package for Drives - VK000960KYDPT, VK001920KYDPU, VK003840KYDPV and VK007680KYDQA

Version: HPK4 (Recommended)

Important Note!

If drive FW needs to downgrade from HPK4 to HPK3, a reset/POR is required.

Fixes

- Firmware maintenance release on HPK4.
- Please note this version of FW has applied UUID change from little endian to big endian per Datacenter NVMe SSD Spec. System application should be updated accordingly per this UUID change.
- If drive FW needs to downgrade from HPK4 to HPK3, a reset/POR is required.

Universal Firmware Package for Drives - VR000480KXLXF

Version: HPK3 (Recommended)

Fixes

Firmware maintenance release of HPK3

- Please note this version of FW has applied UUID change from little endian to big endian per Datacenter NVMe SSD Spec. System application should be updated accordingly per this UUID

change.

- If drive FW needs to downgrade from HPK3 to HPK2, a reset/POR is required.
- SSID will change from a801 to 03b5 after FW update to HPK3.

Universal Firmware Package for Drives - MO000800KXPRV, MO001600KXPTR, MO003200KXPTT, MO006400KXPTU, VO000960KXPRU, VO001920KXPTN, VO003840KXPTP and VO007680KXPTQ

Version: HPK2 (Recommended)

Fixes

- This is a maintenance release that contains code improvements for CAP.TO and LED behavior.

Universal Firmware Package for Drives - MO000800KXUJT, MO001600KXUJU, MO003200KXUJV, MO006400KXUKA, VO000960KXUJN, VO001920KXUJP, VO003840KXUJQ, VO007680KXUJR and VO015360KYGZQ

Version: HPK2 (Recommended)

Important Note!

HPK2 FW adding 15.36T HPE model number and not allowing user to flash back (flash downgrade) to prevent the issue on 15.36T drive.

Fixes

- This version of FW now supports the 15.36TB model and FW fixes of drive timeout/ failures.

Universal Firmware Package for Drives - MO001600KXVYH, MO003200KXVZD, MO006400KXVZE, VO001920KXVYF, VO003840KXVZA, VO007680KXVZB and VO015360KXVZC

Version: HPK3 (Recommended)

Fixes

- Fix for PCIe link length drop in AMD x2 system configuration
- Fix for drive detection after hot re-insert on Windows
- Fix for other regular FW patch release

Universal Firmware Package for Drives - MO001600YXUJB, MO003200YXUJC, MO006400YXUJD, VO001920YXUHU, VO003840YXUHV and VO007680YXUJA

Version: HPK3 (Recommended)

Fixes

- Fix for PCIe link length drop in AMD x2 system configuration
- Fix for drive detection after hot re-insert on Windows
- Fix for other regular FW patch release

Universal Firmware Package for Drives - VO000960KXNXD, VO001920KXNZQ, VO003840KXNZR, VO007680KXNZT, MO000800KXNXH, MO001600KXNZV, MO003200KXPAA and MO006400KXPAB

Version: HPS3 (Recommended)

Fixes

- Improvements to our out-of-band message handling to ensure robust device management capabilities
- Changes to improve our PCIe link compatibility as well as device reliability
- This firmware update is recommended as it improves our system interoperability and prevents specific scenarios that could cause the drive to become unresponsive.

Universal Firmware Package for Drives - VR000480KXNXE,VR000960KXNZU and VS001920KXNXF

Version: HPK4 (Recommended)

Fixes

Changes and improvements that have been made in the firmware HPK4 which disable MCTP over PCIe VDM over the previous firmware.

Online Flash for Windows x64 - Innovation Engine Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors

Version: 0.2.3.0 (C) (Recommended)

Prerequisites

System ROM V1.26 or later The "iLO 5 Channel Interface Driver" (CHIF) for Windows

Enhancements

Version 0.2.3.0 firmware

Online ROM Flash for Linux - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors

Version: 1.1.4 (C) (Recommended)

Enhancements

Version 1.1.4 firmware

Online ROM Flash for Windows x64 - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors

Version: 1.1.4 (C) (Recommended)

en,ja

Enhancements

Version 1.1.4 firmware

Online ROM Flash for Windows x64 - Innovation Engine Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors

Version: 1.0.0.22 (C) (Recommended)

en,ja

Prerequisites

System ROM V1.26 or later The "iLO 5 Channel Interface Driver" (CHIF) for Windows

Enhancements

Version 1.0.0.22 firmware

ROM Flash Firmware Package - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors

Version: 1.1.4 (Recommended)

Enhancements

Version 1.1.4 firmware

Online HDD/SSD Flash Component for Linux (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives

Version: HPD8 (D) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives

Version: HPDA (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives

Version: HPD3 (C) (Recommended)

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB002000JWFVN and MB004000JWFVP Drives

Version: HPD4 (I) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB004000JWFVK and MB006000JWFVL Drives

Version: HPD4 (H) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB018000JXMTH and MB020000JXMTP Drives

Version: HPD3 (Recommended)

Fixes

- Fix to Assert fixes, current firmware improvements and bug fixes.

Online HDD/SSD Flash Component for Linux (x64) - MM1000JEFRB and MM2000JEFRC Drives

Version: HPDA (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives

Version: HPD4 (B) (Critical)

Fixes

Fixes the potential drive hang issue after POH exceed 6.5 years. We suggest customers to update the FW as soon as possible to prevent inconvenience.

- For more information, refer to HPE Customer Bulletin at the following URL: https://support.hpe.com/hpesc/public/docDisplay?docId=a00142174en_us

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Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives

Version: HPDB (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives

Version: HPD5 (G) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNL and EG002400JWJNN Drives

Version: HPD5 (G) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - EH000600JWCPF and EH000900JWCPH Drives

Version: HPDD (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPK and EH000600JWHPH Drives

Version: HPD8 (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives

Version: HPD8 (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives

Version: HPD4 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Maintenance firmware release to introduce fixes from previous firmware.

Online HDD/SSD Flash Component for Linux (x64) - MB002000JYDNE and MB004000JYDPB Drives

Version: HPD4 (Recommended)

Fixes

Fixes the logic bug in the media cache cleaning abort handling that caused the drive to choose and execute the R/W command before the Request Sense to prevent assert.

- Adding other logging and FW enhancements.

Online HDD/SSD Flash Component for Linux (x64) - MB004000JWKGU Drive

Version: HPD2 (H) (Recommended)

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB004000JWWQB and MB002000JWWQA Drives

Version: HPD8 (F) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB006000JWKGN Drive

Version: HPD2 (H) (Recommended)

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives

Version: HPD3 (B) (Recommended)

Fixes

Fixes the logic bug in the media cache cleaning abort handling that caused the drive to choose and execute the R/W command before the Request Sense to prevent assert.

- Adding other logging and FW enhancements.

Supported Devices and Features

- For Drive Model "MB010000JYDNH" of 10TB, initial release FW is HPD3 and there is no downgrade support for this model to lower version HPD2.

Online HDD/SSD Flash Component for Linux (x64) - MB008000JWJRQ and MB006000JWJRP Drives

Version: HPD9 (H) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB008000JWRTD Drive

Version: HPD2 (I) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB008000JWWQP and MB006000JWWQN Drives

Version: HPD8 (F) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives

Version: HPD4 (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives

Version: HPD3 (C) (Recommended)

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB012000JWDFD Drive

Version: HPD4 (C) (Recommended)

Fixes

- Fixed flashing issue through SDR method.

Online HDD/SSD Flash Component for Linux (x64) - MB012000JZYVN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives

Version: HPD4 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives

Version: HPD2 (M) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB014000JWTFD and MB012000JWTFC Drives

Version: HPD9 (B) (Recommended)

Fixes

- This maintenance revision improves data integrity. The risk of not upgrading to this firmware is the increased possibility of data corruption in certain error and timing conditions.

Online HDD/SSD Flash Component for Linux (x64) - MB014000JWUDB Drive

Version: HPD4 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB014000JXUCC Drive

Version: HPD4 (D) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB016000JWXKH Drive

Version: HPDC (Recommended)

Fixes

- This maintenance revision improves data integrity.
- The risk of not upgrading to this firmware is the increased possibility of data corruption in certain error and timing conditions.

Online HDD/SSD Flash Component for Linux (x64) - MB016000JXLBA and MB018000JXLAU Drives

Version: HPD3 (D) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB2000JFDSL and MB4000JFDSN Drives

Version: HPD4 (N) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MM1000JFJTH Drive

Version: HPD5 (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives

Version: HPD2 (Critical)

Fixes

Fixes the potential drive hang issue after POH exceed 6.5 years. We suggest customers to update the FW as soon as possible to prevent inconvenience.

- For more information, CB is published at the following URL:

https://support.hpe.com/hpesc/public/docDisplay?docId=a00142174en_us

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Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives

Version: HPD5 (D) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives

Version: HPD5 (D) (Recommended)

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives

Version: HPD8 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives

Version: HPD3 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Maintenance firmware release to introduce fixes from previous firmware.

Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives

Version: HPD8 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives

Version: HPDA (D) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPK and EH000600JWHPH Drives

Version: HPD8 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives

Version: HPD8 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives

Version: HPD3 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives

Version: HPD4 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB002000JWFVN and MB004000JWFVP Drives

Version: HPD4 (G) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB002000JYDNE and MB004000JYDPB Drives

Version: HPD4 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB004000JWFVK and MB006000JWFVL Drives

Version: HPD4 (F) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives

Version: HPD3 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives

Version: HPD4 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives

Version: HPD3 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB012000JWDFD Drive

Version: HPD4 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB018000JXMTH and MB020000JXMTP Drives

Version: HPD3 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MM1000JEFRB and MM2000JEFRC Drives

Version: HPDA (E) (Recommended)

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MM1000JFJTH Drive

Version: HPD5 (E) (Recommended)

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives

Version: HPD4 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA, EO001600JWTCB Drives

Version: HPDB (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives

Version: HPD3 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives

Version: HPD5 (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNL and EG002400JWJNN Drives

Version: HPD5 (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - EH000600JWCPF and EH000900JWCPH Drives

Version: HPDD (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB004000JWKGU Drive

Version: HPD2 (F) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB004000JWWQB and MB002000JWWQA Drives

Version: HPD8 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB006000JWKGN Drive

Version: HPD2 (F) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB008000JWJRQ and MB006000JWJRP Drives

Version: HPD9 (G) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB008000JWRTD Drive

Version: HPD2 (G) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB008000JWWQP and MB006000JWWQN Drives

Version: HPD8 (C) (Recommended)

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB012000JZYVN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives

Version: HPD4 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB014000JWTFD and MB012000JWTFC Drives

Version: HPD9 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB014000JWUDB Drive

Version: HPD4 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB014000JXUCC Drive

Version: HPD4 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB016000JWXKH Drive

Version: HPDC (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB016000JXLBA and MB018000JXLAU Drives

Version: HPD3 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB2000JFDSL and MB4000JFDSN Drives

Version: HPD4 (M) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives

Version: HPD2 (Critical)

Fixes

Fixes the potential drive hang issue after POH exceed 6.5 years. We suggest customers to update the FW as soon as possible to prevent inconvenience.

- For more information, CB is published at the following URL:

https://support.hpe.com/hpesc/public/docDisplay?docId=a00142174en_us

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Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives

Version: HPD5 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives

Version: HPD5 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives

Version: HPD8 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi -MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives

Version: HPD2 (J) (Recommended)

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives

Version: HPD5 (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fix the controller library compatible issue.

Enhancements

- Added support for Azure Stack HCI 23H2

Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives

Version: HPD8 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNL and EG002400JWJNN Drives

Version: HPD5 (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fix the controller library compatible issue.

Enhancements

- Added support for Azure Stack HCI 23H2

Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives

Version: HPDA (D) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - EH000600JWCPF and EH000900JWCPH Drives

Version: HPDD (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPK and EH000600JWHPH Drives

Version: HPD8 (D) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fix the controller library compatible issue.

Enhancements

- Added support for Azure Stack HCI 23H2

Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives

Version: HPD8 (D) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fix the controller library compatible issue.

Enhancements

- Added support for Azure Stack HCI 23H2

Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives

Version: HPD3 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the potential drive hang issue after POH exceed 6.5 years. We suggest customers to update the FW as soon as possible to prevent inconvenience.

- For more information, refer to HPE Customer Bulletin at the following URL: https://support.hpe.com/hpsc/doc/public/display?docId=a00142174en_us with the estimated effective date 2024/8/9

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives

Version: HPD4 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB002000JWFVN and MB004000JWFVP Drives

Version: HPD4 (G) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB002000JYDNE and MB004000JYDPB Drives

Version: HPD4 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB004000JWFVK and MB006000JWFVL Drives

Version: HPD4 (F) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB004000JWKGU Drive

Version: HPD2 (F) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB004000JWWQB and MB002000JWWQA Drives

Version: HPD8 (D) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB006000JWKGN Drive

Version: HPD2 (F) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives

Version: HPD3 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Supported Devices and Features

- For Drive Model "MB010000JYDNH" of 10TB, initial release FW is HPD3 and there is no downgrade support for this model to lower version HPD2.

Online HDD/SSD Flash Component for Windows (x64) - MB008000JWJRQ and MB006000JWJRP Drives

Version: HPD9 (G) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fix the controller library compatible issue.

Enhancements

- Added support for Azure Stack HCI 23H2

Online HDD/SSD Flash Component for Windows (x64) - MB008000JWRTD Drive

Version: HPD2 (G) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB008000JWWQP and MB006000JWWQN Drives

Version: HPD8 (D) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives

Version: HPD4 (D) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives

Version: HPD3 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB012000JWDFD Drive

Version: HPD4 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB012000JZYVN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives

Version: HPD4 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fix the controller library compatible issue.

Enhancements

- Added support for Azure Stack HCI 23H2

Online HDD/SSD Flash Component for Windows (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives

Version: HPD2 (I) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB014000JWTFD and MB012000JWTFC Drives

Version: HPD9 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- This maintenance revision improves data integrity. The risk of not upgrading to this firmware is the increased possibility of data corruption in certain error and timing conditions.

Enhancements

- Added support for Azure Stack HCI 23H2

Online HDD/SSD Flash Component for Windows (x64) - MB014000JWUDB Drive

Version: HPD4 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fix the controller library compatible issue.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB014000JXUCC Drive

Version: HPD4 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fix the controller library compatible issue.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB016000JWXKH Drive

Version: HPDC (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- This maintenance revision improves data integrity.
- The risk of not upgrading to this firmware is the increased possibility of data corruption in certain error and timing conditions.

Enhancements

- Added support for Azure Stack HCI 23H2

Online HDD/SSD Flash Component for Windows (x64) - MB016000JXLBA and MB018000JXLAU Drives

Version: HPD3 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fix the controller library compatible issue.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB018000JXMTH and MB020000JXMTP Drives

Version: HPD3 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB2000JFDSL and MB4000JFDSN Drives

Version: HPD4 (K) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MM1000JEFRB and MM2000JEFRC Drives

Version: HPDA (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MM1000JFJTH Drive

Version: HPD5 (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives

Version: HPD4 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

Fixes the potential drive hang issue after POH exceed 6.5 years. We suggest customers to update the FW as soon as possible to prevent inconvenience.

- For more information, refer to HPE Customer Bulletin at the following URL: https://support.hpe.com/hpesc/public/docDisplay?docId=a00142174en_us

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives

Version: HPD2 (Critical)

Fixes

Fixes the potential drive hang issue after POH exceed 6.5 years. We suggest customers to update the FW as

soon as possible to prevent inconvenience.

- For more information, CB is published at the following URL:

https://support.hpe.com/hpesc/public/docDisplay?docId=a00142174en_us

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Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives

Version: HPD5 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCD, EO000400JWTBV, EO000800JWTCA and EO001600JWTCB Drives

Version: HPDB (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives

Version: HPD5 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives

Version: HPD8 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like

(B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives

Version: HPD3 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Universal Firmware Package for Drives - MB006000JWZVQ and MB008000JWZVR

Version: HPD3 (B) (Recommended)

Fixes

- Remove ROM flash way from this FWPKG.

Universal Firmware Package for Drives - MB004000JWZVU

Version: HPD3 (B) (Recommended)

Fixes

- Remove ROM flash way from this FWPKG.

Universal Firmware Package for Drives - MB020000JXMVU

Version: HPD1 (B) (Recommended)

Fixes

- Remove ROM flash way from this FWPKG.

Universal Firmware Package for Drives - MB12000JYESN, MB16000JYEVC, MB20000JYEVD

Version: HPD1 (B) (Recommended)

Fixes

- Remove ROM flash way from this FWPKG.

Universal Firmware Package for Drives - MB24000JYEVE

Version: HPD1 (B) (Recommended)

Fixes

- Remove ROM flash way from this FWPKG.

Universal Firmware Package for Drives - MO000960RXKRC, MO001920RXKRH, MO003840RXKRK, VO000960RXKRB, VO001920RXKRD and VO003840RXKRE

Version: HPD5 (B) (Recommended)

Fixes

- Remove ROM flash way from this FWPKG.

Universal Firmware Package for Drives - MO000960RXRQK, MO001920RXRRH, MO003840RXRRK, VO000960RXRQL, VO001920RXRRL, VO003840RXRRN and VO007680RYEWD

Version: HPD4 (B) (Critical)

Fixes

- Remove ROM flash way from this FWPKG.

Universal Firmware Package for Drives - MO001600PXMTN, MO003200PXMTV, MO006400PXMUA, VO001920PXMTL, VO003840PXMTR, VO007680PXMTT and VO015360PXMTU

Version: HPD2 (B) (Recommended)

Fixes

- Remove ROM flash way from this FWPKG.

Universal Firmware Package for Drives - MO001600PZWSH, MO003200PZWSK, MO000800PZWSF and MO006400PZXFA

Version: HPD3 (B) (Recommended)

Fixes

- Remove ROM flash way from this FWPKG.

Universal Firmware Package for Drives - VO000960PZWSL, VO001920PZWSN, VO003840PZWSP, VO007680PZXFB and VO015360PZXEU

Version: HPD3 (B) (Recommended)

Fixes

- Remove ROM flash way from this FWPKG.

Universal Firmware Package for Drives - VO000960RZWUP, VO000960RZWUQ, VO001920RZWUR, VO001920RZWUV, VO003840RZWUT, VO003840RZWVA and VO007680RZWUU

Version: HPD1 (B) (Recommended)

Fixes

- Remove ROM flash way from this FWPKG.

Online HDD/SSD Flash Component for Linux (x64) - MB018000GXMTK and MB020000GXMTQ Drives

Version: HPG3 (Recommended)

Fixes

- Fix to Assert fixes, current firmware improvements and bug fixes.

Online HDD/SSD Flash Component for Linux (x64) - MB001000GWCBC and MB002000GWCBD Drives

Version: HPG6 (L) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB001000GWFWK and MB002000GWFWL Drives

Version: HPG6 (L) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives

Version: HPG1 (M) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB004000GWKGV Drive

Version: HPG1 (L) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives

Version: HPG6 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an

offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB006000GWJRR and MB008000GWJRT Drives

Version: HPG6 (E) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB006000GWKGR Drive

Version: HPG1 (L) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB008000GWRTC Drive

Version: HPG1 (L) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB008000GWWQU and MB006000GWWQT Drives

Version: HPG8 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives

Version: HPG1 (F) (Recommended)

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives

Version: HPG2 (C) (Recommended)

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB012000GWDFE Drive

Version: HPG5 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB012000GWTFE and MB014000GWTFF Drives

Version: HPG8 (E) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB012000GZYVT, MB014000GZYVU, MB016000GZYVV and MB018000GYCLL Drives

Version: HPG4 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives

Version: HPG2 (L) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB014000GWUDA Drive

Version: HPG3 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MB016000GWXKK Drive

Version: HPG4 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives

Version: HPG3 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives

Version: HPG1 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like

(B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MM1000GFJTE Drive

Version: HPG6 (E) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - MM2000GEFRA Drive

Version: HPG9 (E) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives

Version: HPG5 (K) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives

Version: HPG7 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives

Version: HPG1 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives

Version: HPG5 (B) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fix contains code improvements for SMART reporting.

Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives

Version: HPG3 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fixed flashing issue through SDR method

Online HDD/SSD Flash Component for VMware ESXi - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives

Version: HPG1 (E) (Recommended)

Important Note!

- In AHCI configuration only offline flashing is supported.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives

Version: HPG2 (C) (Recommended)

Important Note!

- In AHCI configuration only offline flashing is supported.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB018000GXMTK and MB020000GXMTQ Drives

Version: HPG3 (B) (Recommended)

Important Note!

- In AHCI configuration only offline flashing is supported.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB001000GWCBC and MB002000GWCBD Drives

Version: HPG6 (J) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.
- In AHCI configuration only offline flashing is supported.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB001000GWFWK and MB002000GWFWL Drives

Version: HPG6 (K) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.
- In AHCI configuration only offline flashing is supported.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives

Version: HPG1 (K) (Recommended)

Important Note!

- In AHCI configuration only offline flashing is supported.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB004000GWKGV Drive

Version: HPG1 (K) (Recommended)

Important Note!

- In AHCI configuration only offline flashing is supported.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives

Version: HPG6 (C) (Recommended)

Important Note!

- In AHCI configuration only offline flashing is supported.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB006000GWJRR and MB008000GWJRT Drives

Version: HPG6 (C) (Recommended)

Important Note!

- In AHCI configuration only offline flashing is supported.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB006000GWKGR Drive

Version: HPG1 (K) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.
- In AHCI configuration only offline flashing is supported.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB008000GWRTC Drive

Version: HPG1 (K) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.
- In AHCI configuration only offline flashing is supported.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB008000GWWQU and MB006000GWWQT Drives

Version: HPG8 (C) (Recommended)

Important Note!

- In AHCI configuration only offline flashing is supported.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB012000GWDFE Drive

Version: HPG5 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.
- In AHCI configuration only offline flashing is supported.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB012000GWTFE and MB014000GWTFF Drives

Version: HPG8 (C) (Recommended)

Important Note!

- In AHCI configuration only offline flashing is supported.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB012000GZYVT, MB014000GZYVU, MB016000GZYVV and MB018000GYCLL Drives

Version: HPG4 (C) (Recommended)

Important Note!

- In AHCI configuration only offline flashing is supported.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives

Version: HPG2 (J) (Recommended)

Important Note!

- In AHCI configuration only offline flashing is supported.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB014000GWUDA Drive

Version: HPG3 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.
- In AHCI configuration only offline flashing is supported.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MB016000GWXKK Drive

Version: HPG4 (C) (Recommended)

Important Note!

- In AHCI configuration only offline flashing is supported.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives

Version: HPG3 (C) (Recommended)

Important Note!

- In AHCI configuration only offline flashing is supported.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives.

Version: HPG1 (C) (Recommended)

Important Note!

- In AHCI configuration only offline flashing is supported.
- Customers who already installed latest firmware version do not need to update to sub version like

(B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MM1000GFJTE Drive

Version: HPG6 (E) (Recommended)

Important Note!

- In AHCI configuration only offline flashing is supported.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - MM2000GEFRA Drive

Version: HPG9 (E) (Recommended)

Important Note!

- In AHCI configuration only offline flashing is supported.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives

Version: HPG5 (J) (Recommended)

Important Note!

- In AHCI configuration only offline flashing is supported.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives

Version: HPG7 (D) (Recommended)

Important Note!

- In AHCI configuration only offline flashing is supported.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives.

Version: HPG1 (C) (Recommended)

Important Note!

- In AHCI configuration only offline flashing is supported.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives

Version: HPG5 (C) (Recommended)

Important Note!

- In AHCI configuration only offline flashing is supported.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives

Version: HPG3 (C) (Recommended)

Important Note!

- In AHCI configuration only offline flashing is supported.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for ESXi 9.0.

Online HDD/SSD Flash Component for Windows (x64) - MB001000GWCBC and MB002000GWCBD Drives

Version: HPG6 (I) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB001000GWFWK and MB002000GWFWL Drives

Version: HPG6 (J) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives

Version: HPG1 (J) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB004000GWKGV Drive

Version: HPG1 (J) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for Azure Stack HCI 23H2..

Online HDD/SSD Flash Component for Windows (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives

Version: HPG6 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB006000GWJRR and MB008000GWJRT Drives

Version: HPG6 (D) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fix the controller library compatible issue.

Enhancements

- Added support for Azure Stack HCI 23H2

Online HDD/SSD Flash Component for Windows (x64) - MB006000GWKGR Drive

Version: HPG1 (J) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB008000GWRTC Drive

Version: HPG1 (J) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fix the controller library compatible issue.

Enhancements

- Added support for Azure Stack HCI 23H2

Online HDD/SSD Flash Component for Windows (x64) - MB008000GWWQU and MB006000GWWQT Drives

Version: HPG8 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives

Version: HPG1 (E) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives

Version: HPG2 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB012000GWDFE Drive

Version: HPG5 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB012000GWTFE and MB014000GWTFF Drives

Version: HPG8 (D) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB012000GZYVT, MB014000GZYVU, MB016000GZYVV and MB018000GYCLL Drives

Version: HPG4 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fix the controller library compatible issue.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives

Version: HPG2 (I) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB014000GWUDA Drive

Version: HPG3 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fix the controller library compatible issue.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MB016000GWXKK Drive

Version: HPG4 (C) (Recommended)

Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- Fix the controller library compatible issue.

Enhancements

- Added support for Azure Stack HCI 23H2

Online HDD/SSD Flash Component for Windows (x64) - MB018000GXMTK and MB020000GXMTQ Drives

Version: HPG3 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives

Version: HPG3 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives

Version: HPG1 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MM1000GFJTE Drive

Version: HPG6 (D) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - MM2000GEFRA Drive

Version: HPG9 (D) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives

Version: HPG5 (H) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTC, VK003840GWTTD, MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives

Version: HPG7 (D) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives

Version: HPG1 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives

Version: HPG5 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives

Version: HPG3 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Enhancements

- Added support for Azure Stack HCI 23H2.

Universal Firmware Package for Drives - MB004000GWZVT

Version: HPG3 (Recommended)

Fixes

- This maintenance revision improves data integrity. The risk of not upgrading to this firmware is the increased possibility of data corruption in certain error and timing conditions.

Universal Firmware Package for Drives - MB12000GYESP, MB16000GYEVF and MB20000GYEVH

Version: HPG1 (Recommended)

Fixes

- Fix FW assert and other regular fixes

Universal Firmware Package for Drives - MB002000GYDNK and MB004000GYDPD

Version: HPG2 (Recommended)

Fixes

1.Fixes the logic bug in the media cache cleaning abort handling that caused the drive to choose and execute the R/W command before the Request Sense to prevent assert.2. Adding other logging and FW enhancements.

Universal Firmware Package for Drives - MB006000GWZVL and MB008000GWZVN

Version: HPG3 (Recommended)

Fixes

- This maintenance revision improves data integrity. The risk of not upgrading to this firmware is the increased possibility of data corruption in certain error and timing conditions.

Universal Firmware Package for Drives - MB006000GYDNL, MB008000GYDPE and MB010000GYDNN

Version: HPG2 (Recommended)

Fixes

1) Fixes the logic bug in the media cache cleaning abort handling that caused the drive to choose and execute the R/W command before the Request Sense to prevent assert.2) Adding other logging and FW enhancements.

Universal Firmware Package for Drives - MB24000GYEVK

Version: HPG1 (Recommended)

Fixes

- FW assert fix and other regular maintenance release.

Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP ,MK001920GYCNF ,MK003840GYCNQ ,VK000240GYCNU ,VK000480GYCNH ,VK000960GYCNK ,VK001920GYCNL ,VK003840GYCNN ,VK007680GYCNE ,VR000240GXPQT and VR000480GXPQU

Version: HPG4 (Recommended)

Fixes

- This is a planned maintenance release covering bug fixes. This firmware includes updates to improve PLI circuit reliability.

Firmware Package - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P204i-c, P416ie-m and P816i-a SR Gen10 and SR308i-o,SR308i-p Gen11 controllers

Version: 7.43 (Recommended)

Fixes

- Fixed an issue where a lockup occasionally occurs when RAID 0 Predictive Spare Rebuilding (PSR) starts.
- Fixed an issue where the fault LED remains lit during the rebuild process of a replaced SSD drive.
- Fixed an issue where the host was unable to retrieve new configuration updates after creating a logical drive on PF drives.
- Fixed an issue where the logical volume status was incorrectly reported as OK on a secured volume if a data drive was replaced with an Otherwise Owned SED drive before reboot.
- Fixed an issue where the surface scan period was not reset to default after factory reset.
- Fixed an issue where the predictive failure drive did not fail even after the Predictive Spare Rebuild (PSR) was completed.
- Fixed an issue where the Controller might have a potential lockup after a JBOD power cycle.
- Fixed an issue where the offline replacement of a failed drive during a spare rebuild led to the failure of the replacement drive.

- Fixed a lockup issue that could occur both during a transformation with an abrupt shutdown, and on subsequent bootup.
- Fixed an intermittent MCTP communication issue during AC power cycle tests on specific configurations.
- Fixed an MCTP communication issue in AMD Turin 2P configurations.
- Fixed a lockup issue that could occur when a timeout occurs with expander attached SATA drives.
- Fixed an issue with improper support checking for the secure erase command.
- Fixed issues for missing active dedicated hot spare member in HII logical drive information and failed drive part of a logical drive in the HII disk utilities.
- Fixed an issue which threw wrong error code, 'InternalError' when creating an array on controller that is waiting on adapter password.
- Fixed an issue When server is powered on with no drives connected to Enclosure.

Observe incorrect controller information in iLO Storage tab & Redfish

- Fixed an issue that enclosures Link is missing under Storage URI in Redfish.
- Fixed an issue in which drive resource does not match with Chassis for empty bay.
- Fixed an issue in which incorrect severity warning of drive when sanitize erase operation is in progress.
- Fixed an issue where HealthRollup shows warning during normal state.
- Fixed an issue where CacheSummary.Status.Health shows incorrect during WriteCache degraded.
- Fixed an issue in which PLDM/RDE Read sometimes take longer than 6s during array deletion.

Enhancements

- PLDM Base (Type 0) commands comply with v1.2.0 of the PLDM base specification (DSP0240).
- PLDM Platform Monitoring and Control (Type 2) commands comply with v1.3.0 of the PLDM Platform Monitoring and Control Specification (DSP0248).
- Long-running task support for volume creation/deletion using Redfish and storage resource RDE action operations.

Firmware Package - HPE Gen11 Boot Controller NS204i-u, NS204i-d and HPE Gen10 Plus Boot Controller NS204i-p, NS204i-d, NS204i-t, NS204i-r

Version: 1.2.14.1018 (C) (Recommended)

Important Note!

1.2.14.1018 is the minimum firmware requirement for AMD Turin DL365/385 and Intel Gen12 platforms. Downgrading NS204i firmware to version lower than 1018 will lead to MCTP failure.For Gen10 plus server users, the NS204i firmware has to be 1.0.14.1063 or later in order to enable PLDM firmware update functionality for the controller. Please find the smart component versions of 1.0.14.1063 in below link:

- Windows: https://www.hpe.com/global/swpublishing/MTX-be195b2891724ec8bb72c8bb2
- Linux: https://www.hpe.com/global/swpublishing/MTX-269e14d0e2524277bf699f433
- Vmware: https://www.hpe.com/global/swpublishing/MTX-1ffaca997cf248cd9f832a04c6

Prerequisites

- iLO 6 version 1.10 or later is required for Gen11 servers.
- iLO 5 version 2.81 or later is required for Gen10/Gen10 Plus servers

Enhancements

- Support new servers.

Firmware Package - HPE MR216i-a Gen10 Plus Tri Mode Controller

Version: 52.30.3-5917 (Recommended)

Important Note!

- This firmware version to be used on HPE MR216i-a Gen10 Plus Controller.
- Please do not update MR controller FW/MRSA/StorCLI if systems installed both SR100i and MR controllers.

Prerequisites

iLO5 version should be at least 2.98 is required for chassis&Fabric support.

Fixes

- Fix a00143232en_us: HPE MR Gen11 Controllers - The Component Integrity Status Is Shown As Not Supported in HPE ProLiant DL365/DL385 Gen11 Servers With AMD EPYC 9xx5 2P Configurations
- Fix a00144054en_us: HPE MR Gen10 Plus and Gen11 Storage Controllers - Updating the SAS/SATA/NVMe Drive Firmware May Not Succeed When the System Boots to the VMware ESXi Operating System
- Fix a00142857en_us: HPE MegaRAID Storage Administrator (MRSA) - Unexpected Information Displays in the HPE MRSA When Heavy I/Os Are Active
- Fix an issue that CM7 FIPS drives are not identified as SED capable drives. CM7 FIPSdrive Model Number:

VO001920YXUHU,VO003840YXUHV,VO007680YXUJA,MO001600YXUJB, MO003200YXUJC, MO006400YXUJD, VV007680LYJKF,VV015360LYXMT, MV003200LYJKH, MV006400LYJKK.

- Fix an issue that foreign drives import with invalid security key with 5 attempts causing controller into infinite loop
- Fix an issue that controller may assert when there is MCTP traffic when PCI BAR update is in progress
- Fix an issue that Redfish Drive.CapableSpeedGbs shows as 22 instead of 22.5 for SAS4 drive
- Fix an issue that the number of logical drives created is less than the expected when creating multiple Logical Drive in the same command with ReuseTargetId option
- Fix an intermittent issue that pinned cache may not generate in multiple logical drive Config
- Fix a rare issue that offline drive firmware download timed out due to host taskmanagement but still generate download complete event
- Fix an issue that RAID5/50/6/60 logical drive performance may be lower when there is cache offload happened before server bootup
- Fix an issue that controller may fault and recovery with OCR (online controller reset) while running

Patrol Read on NVMe drives

- Fix an issue that Maximum Write Same Length or Maximum Unmap Block Descriptor Count of NVMe JBOD drive may be overwritten and cause SCSI UNMAP or WRITE SAME command failed
- Fix a rare issue that UR (Unsupported Request) for PCIe Memory Read may occur when host configure PCIe BAR at run-time
- Fix an issue that SCSI UNMAP command using a parameter list length greater than 0 and less than 8 would fail with SCSI Sense key Illegal Request and Additional sense data of Invalid Field in Parameter List
- Fix a rare issue that controller may assert because PCI bar initialization timeouts waiting for boot message processing

Enhancements

- DMTF PLDM Redfish Device Enablement enhancements: Add support for Redfish Encryption (POST & PATCH)
- POST Storage.SetEncryptionKey
- PATCH Storage[EncryptionMode]
- PATCH/POST Volume[Encrypted]
- Note: MR controller support SED only. Therefore, Volume[EncryptionTypes] is not writeable during POST (Create) or PATCH (Update). Correspondingly the following Annotations are not populated:

a. EncryptionTypes@Redfish.AllowableValues (Volume Schema) b. @Redfish.WriteableProperties[EncryptionTypes] (Volume Schema) c. EncryptionTypes@Redfish.OptionalOnCreate (Volume Capabilities) d. EncryptionTypes@Redfish.AllowableValues (Volume Capabilities) e. EncryptionTypes@Redfish.UpdatableAfterCreate (Volume Capabilities)

- POST Volume.ForceEnable
- POST Drive.RevertToOriginalFactoryState
- Note:
- PATCH Volume[Encrypted] can be issued only with option ‘true' on eligible volumes. PATCH Volume[Encrypted] with option ‘false' will befailed because a secure volume cannot be changed to an unsecurevolume in MR firmware.
- During POST (Create) ‘Encrypted' option is not allowed for creating a volume with RAIDType=None. This is because MR does not support creating a secure JBOD in one step. After creating the JBOD, PATCH Volume [Encrypted = true] can be issued to create a secure JBOD.
- Whenever user requests to change to EKM, a reboot is a must to obtain the key via UEFI driver.
- Add MR408i-p support
- Added support for UBM10 backplanes
- Support UBM backplane FW version display and FW update when UBM controller is in bootloader state if there is an interruption during FW update
- Support NVMe SSD for Unmap capable Logical Drive. Please note that SATA SSD is not supported for Unmap capable Logical Drive.
- NAND flash refresh improvements

- The algorithm that posts the event "System reset required" after a specified number of days has been removed. The refresh happens after the same specified time and the new events are populated as below:
- Before starting the Nand flash refresh: "NAND refresh in progress:changing WB Logical Drives to WT"
- After the completion of Nand flash refresh: "NAND refresh complete:changing WT virtual disks to WB"
- The above behaviors are applicable only to MR400 controllers and arenot applicable to MR200 controllers
- RAID1 Consistency Check Event String Change
- The Event String has been changed from "Consistency Check found inconsistent parity on LD <Ld Id> at strip <Strip Number>" to "Consistency Check found inconsistency on LD <Ld Id> at strip <Strip Number>".
- Support a new controller property, "Spin Down Drives At Shutdown", to control spindown of configured drives during shutdown
- Support for SCSI NVMe Translation Layer Specification version 1.14

Firmware Package - HPE MR216i-p Gen10 Plus Tri Mode Controller

Version: 52.30.3-5917 (Recommended)

Important Note!

- This firmware version to be used on HPE MR216i-p Gen10 Plus Controller.
- Please do not update MR controller FW/MRSA/StorCLI if systems installed both SR100i and MR controllers.

Prerequisites

iLO5 version should be at least 2.98 is required for chassis&Fabric support.

Fixes

- Fix a00143232en_us: HPE MR Gen11 Controllers - The Component Integrity Status Is Shown As Not Supported in HPE ProLiant DL365/DL385 Gen11 Servers With AMD EPYC 9xx5 2P Configurations
- Fix a00144054en_us: HPE MR Gen10 Plus and Gen11 Storage Controllers - Updating the SAS/SATA/NVMe Drive Firmware May Not Succeed When the System Boots to the VMware ESXi Operating System
- Fix a00142857en_us: HPE MegaRAID Storage Administrator (MRSA) - Unexpected Information Displays in the HPE MRSA When Heavy I/Os Are Active
- Fix an issue that CM7 FIPS drives are not identified as SED capable drives. CM7 FIPSdrive Model Number:

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- Fix an issue that foreign drives import with invalid security key with 5 attempts causing controller into infinite loop

- Fix an issue that controller may assert when there is MCTP traffic when PCI BAR update is in progress
- Fix an issue that Redfish Drive.CapableSpeedGbs shows as 22 instead of 22.5 for SAS4 drive
- Fix an issue that the number of logical drives created is less than the expected when creating multiple Logical Drive in the same command with ReuseTargetId option
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- Fix a rare issue that offline drive firmware download timed out due to host taskmanagement but still generate download complete event
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- Fix an issue that controller may fault and recovery with OCR (online controller reset) while running Patrol Read on NVMe drives
- Fix an issue that Maximum Write Same Length or Maximum Unmap Block Descriptor Count of NVMe JBOD drive may be overwritten and cause SCSI UNMAP or WRITE SAME command failed
- Fix a rare issue that UR (Unsupported Request) for PCIe Memory Read may occur when host configure PCIe BAR at run-time
- Fix an issue that SCSI UNMAP command using a parameter list length greater than 0 and less than 8 would fail with SCSI Sense key Illegal Request and Additional sense data of Invalid Field in Parameter List
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Enhancements

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- PATCH/POST Volume[Encrypted]
- Note: MR controller support SED only. Therefore, Volume[EncryptionTypes] is not writeable during POST (Create) or PATCH (Update). Correspondingly the following Annotations are not populated:

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- POST Volume.ForceEnable
- POST Drive.RevertToOriginalFactoryState
- Note:
- PATCH Volume[Encrypted] can be issued only with option ‘true' on eligible volumes. PATCH Volume[Encrypted] with option ‘false' will befailed because a secure volume cannot be changed to an unsecurevolume in MR firmware.

- During POST (Create) 'Encrypted' option is not allowed for creating a volume with RAIDType=None. This is because MR does not support creating a secure JBOD in one step. After creating the JBOD, PATCH Volume [Encrypted = true] can be issued to create a secure JBOD.
- Whenever user requests to change to EKM, a reboot is a must to obtain the key via UEFI driver.
- Add MR408i-p support
- Added support for UBM10 backplanes
- Support UBM backplane FW version display and FW update when UBM controller is in bootloader state if there is an interruption during FW update
- Support NVMe SSD for Unmap capable Logical Drive. Please note that SATA SSD is not supported for Unmap capable Logical Drive.
- NAND flash refresh improvements
- The algorithm that posts the event "System reset required" after a specified number of days has been removed. The refresh happens after the same specified time and the new events are populated as below:
- Before starting the Nand flash refresh: "NAND refresh in progress:changing WB Logical Drives to WT"
- After the completion of Nand flash refresh: "NAND refresh complete:changing WT virtual disks to WB"
- The above behaviors are applicable only to MR400 controllers and are not applicable to MR200 controllers
- RAID1 Consistency Check Event String Change
- The Event String has been changed from "Consistency Check found inconsistent parity on LD <Ld Id> at strip <Strip Number>" to "Consistency Check found inconsistency on LD <Ld Id> at strip <Strip Number>".
- Support a new controller property, "Spin Down Drives At Shutdown", to control spindown of configured drives during shutdown
- Support for SCSI NVMe Translation Layer Specification version 1.14

Firmware Package - HPE MR416i-a Gen10 Plus Tri Mode Controller

Version: 52.30.3-5917 (Recommended)

Important Note!

- This firmware version to be used on HPE MR416i-a Gen10 Plus Controller.
- Please do not update MR controller FW/MRSA/StorCLI if systems installed both SR100i and MR controllers.

Prerequisites

iLO5 version should be at least 2.98 is required for chassis&Fabric support.

Fixes

- Fix a00143232en_us: HPE MR Gen11 Controllers - The Component Integrity Status Is Shown As Not Supported in HPE ProLiant DL365/DL385 Gen11 Servers With AMD EPYC 9xx5 2P Configurations

- Fix a00144054en_us: HPE MR Gen10 Plus and Gen11 Storage Controllers - Updating the SAS/SATA/NVMe Drive Firmware May Not Succeed When the System Boots to the VMware ESXi Operating System
- Fix a00142857en_us: HPE MegaRAID Storage Administrator (MRSA) - Unexpected Information Displays in the HPE MRSA When Heavy I/Os Are Active
- Fix an issue that CM7 FIPS drives are not identified as SED capable drives. CM7 FIPSdrive Model Number:

VO001920YXUHU,VO003840YXUHV,VO007680YXUJA,MO001600YXUJB, MO003200YXUJC, MO006400YXUJD, VV007680LYJKF,VV015360LYXMT, MV003200LYJKH, MV006400LYJKK.

- Fix an issue that foreign drives import with invalid security key with 5 attempts causing controller into infinite loop
- Fix an issue that controller may assert when there is MCTP traffic when PCI BAR update is in progress
- Fix an issue that Redfish Drive.CapableSpeedGbs shows as 22 instead of 22.5 for SAS4 drive
- Fix an issue that the number of logical drives created is less than the expected when creating multiple Logical Drive in the same command with ReuseTargetId option
- Fix an intermittent issue that pinned cache may not generate in multiple logical drive Config
- Fix a rare issue that offline drive firmware download timed out due to host taskmanagement but still generate download complete event
- Fix an issue that RAID5/50/6/60 logical drive performance may be lower when there is cache offload happened before server bootup
- Fix an issue that controller may fault and recovery with OCR (online controller reset) while running Patrol Read on NVMe drives
- Fix an issue that Maximum Write Same Length or Maximum Unmap Block Descriptor Count of NVMe JBOD drive may be overwritten and cause SCSI UNMAP or WRITE SAME command failed
- Fix a rare issue that UR (Unsupported Request) for PCIe Memory Read may occur when host configure PCIe BAR at run-time
- Fix an issue that SCSI UNMAP command using a parameter list length greater than 0 and less than 8 would fail with SCSI Sense key Illegal Request and Additional sense data of Invalid Field in Parameter List
- Fix a rare issue that controller may assert because PCI bar initialization timeouts waiting for boot message processing

Enhancements

- DMTF PLDM Redfish Device Enablement enhancements: Add support for Redfish Encryption (POST & PATCH)
- POST Storage.SetEncryptionKey
- PATCH Storage[EncryptionMode]
- PATCH/POST Volume[Encrypted]
- Note: MR controller support SED only. Therefore, Volume[EncryptionTypes] is not writeable during POST (Create) or PATCH (Update). Correspondingly the following Annotations are not populated:

a. EncryptionTypes@Redfish.AllowableValues (Volume Schema) b. @Redfish.WriteableProperties[EncryptionTypes] (Volume Schema) c. EncryptionTypes@Redfish.OptionalOnCreate (Volume Capabilities) d. EncryptionTypes@Redfish.AllowableValues (Volume Capabilities) e. EncryptionTypes@Redfish.UpdatableAfterCreate (Volume Capabilities)

- POST Volume.ForceEnable
- POST Drive.RevertToOriginalFactoryState
- Note:
- PATCH Volume[Encrypted] can be issued only with option ‘true' on eligible volumes. PATCH Volume[Encrypted] with option ‘false' will befailed because a secure volume cannot be changed to an unsecurevolume in MR firmware.
- During POST (Create) ‘Encrypted' option is not allowed for creating a volume with RAIDType=None. This is because MR does not support creating a secure JBOD in one step. After creating the JBOD, PATCH Volume [Encrypted = true] can be issued to create a secure JBOD.
- Whenever user requests to change to EKM, a reboot is a must to obtain the key via UEFI driver.
- Add MR408i-p support
- Added support for UBM10 backplanes
- Support UBM backplane FW version display and FW update when UBM controller is in bootloader state if there is an interruption during FW update
- Support NVMe SSD for Unmap capable Logical Drive. Please note that SATA SSD is not supported for Unmap capable Logical Drive.
- NAND flash refresh improvements
- The algorithm that posts the event "System reset required" after a specified number of days has been removed. The refresh happens after the same specified time and the new events are populated as below:
- Before starting the Nand flash refresh: "NAND refresh in progress:changing WB Logical Drives to WT"
- After the completion of Nand flash refresh: "NAND refresh complete:changing WT virtual disks to WB"
- The above behaviors are applicable only to MR400 controllers and are not applicable to MR200 controllers
- RAID1 Consistency Check Event String Change
- The Event String has been changed from "Consistency Check found inconsistent parity on LD <Ld Id> at strip <Strip Number>" to "Consistency Check found inconsistency on LD <Ld Id> at strip <Strip Number>".
- Support a new controller property, "Spin Down Drives At Shutdown", to control spindown of configured drives during shutdown
- Support for SCSI NVMe Translation Layer Specification version 1.14

Important Note!

- This firmware version to be used on HPE MR416i-p Gen10 Plus Controller.
- Please do not update MR controller FW/MRSA/StorCLI if systems installed both SR100i and MR controllers.

Prerequisites

iLO5 version should be at least 2.98 is required for chassis&Fabric support.

Fixes

- Fix a00143232en_us: HPE MR Gen11 Controllers - The Component Integrity Status Is Shown As Not Supported in HPE ProLiant DL365/DL385 Gen11 Servers With AMD EPYC 9xx5 2P Configurations
- Fix a00144054en_us: HPE MR Gen10 Plus and Gen11 Storage Controllers - Updating the SAS/SATA/NVMe Drive Firmware May Not Succeed When the System Boots to the VMware ESXi Operating System
- Fix a00142857en_us: HPE MegaRAID Storage Administrator (MRSA) - Unexpected Information Displays in the HPE MRSA When Heavy I/Os Are Active
- Fix an issue that CM7 FIPS drives are not identified as SED capable drives. CM7 FIPSdrive Model Number:

VO001920YXUHU,VO003840YXUHV,VO007680YXUJA,MO001600YXUJB, MO003200YXUJC, MO006400YXUJD, VV007680LYJKF,VV015360LYXMT, MV003200LYJKH, MV006400LYJKK.

- Fix an issue that foreign drives import with invalid security key with 5 attempts causing controller into infinite loop
- Fix an issue that controller may assert when there is MCTP traffic when PCI BAR update is in progress
- Fix an issue that Redfish Drive.CapableSpeedGbs shows as 22 instead of 22.5 for SAS4 drive
- Fix an issue that the number of logical drives created is less than the expected when creating multiple Logical Drive in the same command with ReuseTargetId option
- Fix an intermittent issue that pinned cache may not generate in multiple logical drive Config
- Fix a rare issue that offline drive firmware download timed out due to host taskmanagement but still generate download complete event
- Fix an issue that RAID5/50/6/60 logical drive performance may be lower when there is cache offload happened before server bootup
- Fix an issue that controller may fault and recovery with OCR (online controller reset) while running Patrol Read on NVMe drives
- Fix an issue that Maximum Write Same Length or Maximum Unmap Block Descriptor Count of NVMe JBOD drive may be overwritten and cause SCSI UNMAP or WRITE SAME command failed
- Fix a rare issue that UR (Unsupported Request) for PCIe Memory Read may occur when host configure PCIe BAR at run-time
- Fix an issue that SCSI UNMAP command using a parameter list length greater than 0 and less than 8 would fail with SCSI Sense key Illegal Request and Additional sense data of Invalid Field in Parameter List
- Fix a rare issue that controller may assert because PCI bar initialization timeouts waiting for boot

message processing

Enhancements

- DMTF PLDM Redfish Device Enablement enhancements: Add support for Redfish Encryption (POST & PATCH)
- POST Storage.SetEncryptionKey
- PATCH Storage[EncryptionMode]
- PATCH/POST Volume[Encrypted]
- Note: MR controller support SED only. Therefore, Volume[EncryptionTypes] is not writeable during POST (Create) or PATCH (Update). Correspondingly the following Annotations are not populated:

a. EncryptionTypes@Redfish.AllowableValues (Volume Schema) b. @Redfish.WriteableProperties[EncryptionTypes] (Volume Schema) c. EncryptionTypes@Redfish.OptionalOnCreate (Volume Capabilities) d. EncryptionTypes@Redfish.AllowableValues (Volume Capabilities) e. EncryptionTypes@Redfish.UpdatableAfterCreate (Volume Capabilities)

- POST Volume.ForceEnable
- POST Drive.RevertToOriginalFactoryState
- Note:
- PATCH Volume[Encrypted] can be issued only with option ‘true' on eligible volumes. PATCH Volume[Encrypted] with option ‘false' will befailed because a secure volume cannot be changed to an unsecurevolume in MR firmware.
- During POST (Create) ‘Encrypted' option is not allowed for creating a volume with RAIDType=None. This is because MR does not support creating a secure JBOD in one step. After creating the JBOD, PATCH Volume [Encrypted = true] can be issued to create a secure JBOD.
- Whenever user requests to change to EKM, a reboot is a must to obtain the key via UEFI driver.
- Add MR408i-p support
- Added support for UBM10 backplanes
- Support UBM backplane FW version display and FW update when UBM controller is in bootloader state if there is an interruption during FW update
- Support NVMe SSD for Unmap capable Logical Drive. Please note that SATA SSD is not supported for Unmap capable Logical Drive.
- NAND flash refresh improvements
- The algorithm that posts the event "System reset required" after a specified number of days has been removed. The refresh happens after the same specified time and the new events are populated as below:
- Before starting the Nand flash refresh: "NAND refresh in progress:changing WB Logical Drives to WT"
- After the completion of Nand flash refresh: "NAND refresh complete:changing WT virtual disks to WB"
- The above behaviors are applicable only to MR400 controllers and arenot applicable to MR200 controllers

- RAID1 Consistency Check Event String Change
- The Event String has been changed from "Consistency Check found inconsistent parity on LD <Ld Id> at strip <Strip Number>" to "Consistency Check found inconsistency on LD <Ld Id> at strip <Strip Number>".
- Support a new controller property, "Spin Down Drives At Shutdown", to control spindown of configured drives during shutdown
- Support for SCSI NVMe Translation Layer Specification version 1.14

Firmware Package - HPE SR932i-p Gen10 Plus /SR416i-a Gen10 Plus/SR932i-p Gen11/SR416ie-m Gen11 Controllers

Version: 03.01.33.044 (Recommended)

Fixes

- Fixed an issue where a lockup occasionally occurs when RAID 0 Predictive Spare Rebuilding (PSR) starts.
- Fixed an issue where the fault LED remains lit during the rebuild process of a replaced SSD drive.
- Fixed an issue where the host was unable to retrieve new configuration updates after creating a logical drive on PF drives or slow drives.
- Fixed an issue where the logical volume status was incorrectly reported as OK on a secured volume if a data drive was replaced with an Otherwise Owned SED drive before reboot.
- Fixed an issue where the surface scan period was not reset to default after factory reset.
- Fixed an issue where the predictive failure drive did no't fail even after the Predictive Spare Rebuild (PSR) was completed.
- Fixed an issue where the Controller might have a potential lockup after a JBOD power cycle.
- Fixed an issue where the offline replacement of a failed drive during a spare rebuild led to the failure of the replacement drive.
- Fixed a possible lockup that could occur both during a transformation with an abrupt shutdown, and on subsequent bootup.
- Fixed a potential issue where a good drive could be incorrectly marked as a predictive failure drive.
- Fixed a lockup issue that could occur during I/O to a degraded volume using Smart Path.
- Fixed a drive firmware update failure due to incorrect handling of sense data for specific SATA drives.
- Fixed a Controller boot failure when inserted in PCIe Gen 6 systems.
- Fixed issues for missing active dedicated hot spare member in HII logical drive information and failed drive part of a logical drive in the HII disk utilities.
- Fixed an issue which threw wrong error code, 'InternalError' when creating an array on controller that is waiting on adapter password.
- Fixed an issue When server is powered on with no drives connected to Enclosure.

Observe incorrect controller information in iLO Storage tab & Redfish

- Fixed an issue that enclosures Link is missing under Storage URI in Redfish.
- Fixed an issue in which drive resource does not match with Chassis for empty bay.

- Fixed an issue in which incorrect severity warning of drive when sanitize erase operation is in progress.
- Fixed an issue where HealthRollup shows warning during normal state.
- Fixed an issue where CacheSummary.Status.Health shows incorrect during WriteCache degraded.
- Fixed an issue in which PLDM/RDE Read sometimes take longer than 6s during array deletion.

Enhancements

- PLDM Base (Type 0) commands comply with v1.2.0 of the PLDM base specification (DSP0240).
- PLDM Platform Monitoring and Control (Type 2) commands comply with v1.3.0 of the PLDM Platform Monitoring and Control Specification (DSP0248).
- Long-running task support for volume creation/deletion using Redfish and storage resource RDE action operations.

Online ROM Flash Component for VMware ESXi - HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers

Version: 5.15 (C) (Recommended)

Important Note!

- Do NOT downgrade FW to previous version if your current expander is 5.10; please upgrade to 5.15 immediately.

Enhancements

- Added ESXi9.0 support.

Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10 Controllers

Version: 7.43 (Recommended)

Fixes

- Fixed an issue where a lockup occasionally occurs when RAID 0 Predictive Spare Rebuilding (PSR) starts.
- Fixed an issue where the fault LED remains lit during the rebuild process of a replaced SSD drive.
- Fixed an issue where the host was unable to retrieve new configuration updates after creating a logical drive on PF drives.
- Fixed an issue where the logical volume status was incorrectly reported as OK on a secured volume if a data drive was replaced with an Otherwise Owned SED drive before reboot.
- Fixed an issue where the surface scan period was not reset to default after factory reset.
- Fixed an issue where the predictive failure drive did not fail even after the Predictive Spare Rebuild (PSR) was completed.
- Fixed an issue where the Controller might have a potential lockup after a JBOD power cycle.
- Fixed an issue where the offline replacement of a failed drive during a spare rebuild led to the failure of the replacement drive.

- Fixed a lockup issue that could occur both during a transformation with an abrupt shutdown, and on subsequent bootup.
- Fixed an intermittent MCTP communication issue during AC power cycle tests on specific configurations.
- Fixed an MCTP communication issue in AMD Turin 2P configurations.
- Fixed a lockup issue that could occur when a timeout occurs with expander attached SATA drives.
- Fixed an issue with improper support checking for the secure erase command.
- Fixed issues for missing active dedicated hot spare member in HII logical drive information and failed drive part of a logical drive in the HII disk utilities.
- Fixed an issue which threw wrong error code, 'InternalError' when creating an array on controller that is waiting on adapter password.
- Fixed an issue When server is powered on with no drives connected to Enclosure.

Observe incorrect controller information in iLO Storage tab & Redfish

- Fixed an issue that enclosures Link is missing under Storage URI in Redfish.
- Fixed an issue in which drive resource does not match with Chassis for empty bay.
- Fixed an issue in which incorrect severity warning of drive when sanitize erase operation is in progress.
- Fixed an issue where HealthRollup shows warning during normal state.
- Fixed an issue where CacheSummary.Status.Health shows incorrect during WriteCache degraded.
- Fixed an issue in which PLDM/RDE Read sometimes take longer than 6s during array deletion.

Enhancements

- PLDM Base (Type 0) commands comply with v1.2.0 of the PLDM base specification (DSP0240).
- PLDM Platform Monitoring and Control (Type 2) commands comply with v1.3.0 of the PLDM Platform Monitoring and Control Specification (DSP0248).
- Long-running task support for volume creation/deletion using Redfish and storage resource RDE action operations.

Online ROM Flash Component for Windows (x64) - HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers

Version: 5.15 (D) (Recommended)

Important Note!

- Do NOT downgrade FW to previous version if your current expander is 5.10; please upgrade to 5.15 immediately.

Enhancements

Support Azure Stack HCI 23H2.

HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)

Version: 2025.03.01 (Recommended)

Important Note!

Release notes:Broadcom Release notes This Firmware package contains following firmware versions:

Adapter	Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	16Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1610E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/ The target environment must have the libHBAAPI Package installed prior to the installation of the firmware as the discovery of adapters might not complete without the library. (If not already present, the libHBAAPI Package can be obtained from the operating system installation media.) Additional requirements:Environment must be running the syslog daemon for the flash engine to run Environment must have 32-bit netlink library (libnl.so) installed for component to be able to discover Emulex Host Bus Adapters(HBAs)

Enhancements

This Firmware package contains following firmware versions:

Adapter	Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	16Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1610E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0

Supported Devices and Features

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1610E 32Gb Dual port Fibre Channel Host Bus Adapter

HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022/2025 x64

Version: 2025.03.01 (Recommended)

Important Note!

Release notes:Broadcom Release notes This Firmware package contains following firmware versions:

Adapter	Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	16Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1610E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/

Enhancements

This Firmware package contains following firmware versions:

Adapter	Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	16Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1610E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0

Supported Devices and Features

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1610E 32Gb Dual port Fibre Channel Host Bus Adapter

HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 8.0

Version: 2025.03.01 (Recommended)

Important Note!

Release notes:Broadcom Release notes This Firmware package contains following firmware versions:

Adapter	Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	16Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1610E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0

Prerequisites

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Enhancements

This Firmware package contains following firmware versions:

Adapter	Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	16Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1610E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0

Supported Devices and Features

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1610E 32Gb Dual port Fibre Channel Host Bus Adapter

HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 9.0

Version: 2025.03.01 (Recommended)

Important Note!

Release notes:Broadcom Release notes This Firmware package contains following firmware versions:

Adapter	Speed	Universal	Firmware	UEFI	Boot Bios

		Boot Image			
HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	16Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1610E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0

Prerequisites

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Enhancements

This Firmware package contains following firmware versions:

Adapter	Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
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HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0
HPE SN1610E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.473.14	14.4.473.14	14.4.473.8	14.4.469.0

Supported Devices and Features

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1610E 32Gb Dual port Fibre Channel Host Bus Adapter

HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)

Version: 2025.03.01 (Recommended)

Important Note!

Release Notes:HPE QLogic Adapters Release Notes This Firmware package contains following firmware versions:

Adapter	Speed	MBI	Firmware	UEFI	Boot Bios
HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.04.09	9.15.05	7.28	3.68

HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.04.09	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.04.09	9.15.05	7.28	3.68
HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.10.08	09.15.05	7.39	0.0

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/ The target environment must have the libHBAAPI Package installed prior to the installation of the firmware as the discovery of adapters might not complete without the library. (If not already present, the libHBAAPI Package can be obtained from the operating system installation media.) The HPE supplied enablement kit must be installed prior to this firmware component being identified by SUM for deployment.

- It is advised to provide read-write permissions on /var/tmp folder. Firmware deployment via Service Pack for ProLiant(SPP) might be unsuccessful in some cases , if readwrite(rw) permissions are not enable on /tmp or /var/tmp directories.

Enhancements

This Firmware package contains following firmware versions:

Adapter	Speed	MBI	Firmware	UEFI	Boot Bios
HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.04.09	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.04.09	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.04.09	9.15.05	7.28	3.68
HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.10.08	09.15.05	7.39	0.0

Supported Devices and Features

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter

HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022/2025 (x86_64)

Version: 2025.03.01 (Recommended)

Important Note!

Release Notes:HPE QLogic Adapters Release Notes This Firmware package contains following firmware

versions:

Adapter	Speed	MBI	Firmware	UEFI	Boot Bios
HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.04.09	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.04.09	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.04.09	9.15.05	7.28	3.68
HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.10.08	09.15.05	7.39	0.0

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/

Enhancements

This Firmware package contains following firmware versions:

Adapter	Speed	MBI	Firmware	UEFI	Boot Bios
HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.04.09	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.04.09	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.04.09	9.15.05	7.28	3.68
HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.10.08	09.15.05	7.39	0.0

Supported Devices and Features

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter

HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 8.0

Version: 2025.03.01 (Recommended)

Important Note!

Release Notes:HPE QLogic Adapters Release Notes This Firmware package contains following firmware versions:

Adapter	Speed	MBI	Firmware	UEFI	Boot Bios
HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.04.09	9.15.05	7.28	3.68

HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.04.09	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.04.09	9.15.05	7.28	3.68
HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.10.08	09.15.05	7.39	0.0

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/

Enhancements

This Firmware package contains following firmware versions:

Adapter	Speed	MBI	Firmware	UEFI	Boot Bios
HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.04.09	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.04.09	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.04.09	9.15.05	7.28	3.68
HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.10.08	09.15.05	7.39	0.0

Supported Devices and Features

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter

HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 9.0

Version: 2025.03.01 (Recommended)

Important Note!

Release Notes:HPE QLogic Adapters Release Notes This Firmware package contains following firmware versions:

Adapter	Speed	MBI	Firmware	UEFI	Boot Bios
HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.04.09	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.04.09	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.04.09	9.15.05	7.28	3.68

HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.10.08	09.15.05	7.39	0.0

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/

Enhancements

This Firmware package contains following firmware versions:

Adapter	Speed	MBI	Firmware	UEFI	Boot Bios
HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.04.09	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.04.09	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.04.09	9.15.05	7.28	3.68
HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.10.08	09.15.05	7.39	0.0

Supported Devices and Features

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter

Firmware Package - Gen10 NVMe Backplane PIC Firmware

Version: 1.24 (F) (Recommended)

Prerequisites

iLO 5 version 1.10 or later is required.

Enhancements

Support ESXi8.0

Firmware Package - UBM1 Backplane PIC PLDM Firmware

Version: 1.46 (B) (Recommended)

Important Note!

- PLDM FWPKG component only supports installation of UBM1 firmware when attached to HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P204i-c, P816i-a and P416ie-m SR Gen10 controllers(Firmware version 5.32 or later is need)
- PLDM FWPKG component can be supported installation of UBM1 firmware when direct attached the the server

Prerequisites

- iLO 5 version 2.72 or later is required.

Enhancements

- Initial version for UBM FWPKG.
- Support RHEL9 and ESXi8.0

Firmware Package - UBM4 Backplane PIC PLDM Firmware for Gen10P/Gen11/Gen12 servers usage

Version: 1.24 (G) (Recommended)

Important Note!

Flash FWPKG Component on Web Standalone mode

- PLDM FWPKG component only supports installation of UBM4 firmware when attached to HPE SR416/SR932(Firmware version 3.01.14.062 or later is need) or HPE MR216/416/408 controllers(Firmware version 52.22.3-4650 or later is need)
- PLDM FWPKG component can be supported installation of UBM4 firmware when direct attached the the server

Prerequisites

- iLO 6 version 1.62 or later is required for Gen12 servers
- iLO 6 version 1.10 or later is required for Gen11 servers
- iLO 5 version 2.72 or later is required for Gen10 Plus servers

Enhancements

- Support Gen12 servers.

Firmware Package - UBM6 Backplane PIC PLDM Firmware for Gen10/Gen10P/Gen11/Gen12 servers usage

Version: 1.04 (C) (Recommended)

Important Note!

- PLDM FWPKG component only supports installation of UBM6 firmware when attached to HPE SR416i/SR932 controllers(Firmware version 3.01.09.056 or later is need) or HPE Smart Array controllers (Firmware version 5.32 or later is need) or HPE MR216/416/408 controllers(Firmware version 52.22.3-4650 or later is need)
- PLDM FWPKG component can be supported installation of UBM6 firmware when direct attached the the server

Prerequisites

- iLO 6 version 1.62 or later is required for Gen12 servers
- iLO 6 version 1.10 or later is required for Gen11 servers
- iLO 5 version 2.72 or later is required for Gen10P servers

Enhancements

Support SY480 Gen12 server.

Online Flash for Linux - Innovation Engine Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors

Version: 0.2.3.0 (C) (Recommended)

Prerequisites

System ROM V1.26 or later The "iLO 5 Channel Interface Driver" (CHIF) for Linux which is integrated into the standard Linux kernel.

Enhancements

Version 0.2.3.0 firmware

Online Flash for Linux - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors

Version: 04.01.05.105 (Recommended)

Important Note!

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 04.01.05.105 should be paired with System ROM 3.40 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Deliverable Name:Server Platform Services (SPS) Firmware for HPE Gen10 Servers Release Version:04.01.05.105 Last Recommended or Critical Revision:04.01.05.105 Previous Revision:04.01.05.002 Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Problems Fixed:None Known Issues:None

Enhancements

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 04.01.05.105 should be paired with System ROM 3.40 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Known Issues:None

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Online Flash for Linux - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors

Version: 04.04.04.702 (Recommended)

Important Note!

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 04.04.04.702

(2.30_01_06_2025) should be paired with System ROM 2.30 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Deliverable Name:Server Platform Services (SPS) Firmware for HPE Gen10 Plus Servers Release Version:04.04.04.702 Last Recommended or Critical Revision:04.04.04.702 Previous Revision:04.04.04.603 Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Problems Fixed:None Known Issues:None

Enhancements

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 04.04.04.702 (2.30_01_06_2025) should be paired with System ROM 2.30 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Known Issues:None

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Online Flash for Windows x64 - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors

Version: 04.01.05.105 (B) (Recommended)

Important Note!

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 04.01.05.105 should be paired with System ROM 3.40 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Deliverable Name:Server Platform Services (SPS) Firmware for HPE Gen10 Servers Release Version:04.01.05.105 Last Recommended or Critical Revision:04.01.05.105 Previous Revision:04.01.05.002 Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Problems Fixed:None Known Issues:None

Enhancements

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 04.01.05.105 should be paired with System ROM 3.40 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Known Issues:None

Online Flash for Windows x64 - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors

Version: 04.04.04.702 (B) (Recommended)

Important Note!

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 04.04.04.702 (2.30_01_06_2025) should be paired with System ROM 2.30 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Deliverable Name:Server Platform Services (SPS) Firmware for HPE Gen10 Plus Servers Release Version:04.04.04.702 Last Recommended or Critical Revision:04.04.04.702 Previous Revision:04.04.04.603 Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Problems Fixed:None Known Issues:None

Enhancements

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 04.04.04.702 (2.30_01_06_2025) should be paired with System ROM 2.30 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Known Issues:None

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Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems

Version: 06.00.03.700 (B) (Recommended)

Important Note!

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 06.00.03.700 (2.30_01_07_2025) should be paired with System ROM 2.30 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Deliverable Name:HPE ProLiant ML30 Gen10 Plus Server Platform Services (SPS) Firmware Release Version:06.00.03.700 Last Recommended or Critical Revision:06.00.03.700 Previous Revision:06.00.03.604 Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Problems Fixed:None Known Issues:None

Prerequisites

The "iLO 5 Channel Interface Driver" (CHIF) for Windows which is available from Service Pack for ProLiant

(SPP).

Enhancements

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 06.00.03.700 (2.30_01_07_2025) should be paired with System ROM 2.30 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Known Issues:None

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Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems

Version: 05.01.05.005 (B) (Recommended)

Important Note!

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 05.01.05.005 should be paired with System ROM 3.50 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Deliverable Name:Server Platform Services (SPS) Firmware for HPE ProLiant DL20/ML30 Gen10 Servers Release Version:05.01.05.005 Last Recommended or Critical Revision:05.01.05.005 Previous Revision:05.01.04.913 Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Problems Fixed:None Known Issues:None

Enhancements

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 05.01.05.005 should be paired with System ROM 3.50 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Known Issues:None

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Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems

Version: 06.00.03.700 (B) (Recommended)

Important Note!

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned

with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 06.00.03.700 (2.30_01_07_2025) should be paired with System ROM 2.30 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Deliverable Name:HPE ProLiant DL20 Gen10 Plus Server Platform Services (SPS) Firmware Release Version:06.00.03.700 Last Recommended or Critical Revision:06.00.03.700 Previous Revision:06.00.03.604 Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Problems Fixed:None Known Issues:None

Enhancements

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 06.00.03.700 (2.30_01_07_2025) should be paired with System ROM 2.30 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Known Issues:None

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Online ROM Flash for Linux - Innovation Engine Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors

Version: 1.0.0.22 (C) (Recommended)

Prerequisites

System ROM V1.26 or later The "iLO 5 Channel Interface Driver" (CHIF) for Linux which is integrated into the standard Linux kernel.

Enhancements

Version 1.0.0.22 firmware

Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems

Version: 06.00.03.700 (Recommended)

Important Note!

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 06.00.03.700 (2.30_01_07_2025) should be paired with System ROM 2.30 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Deliverable Name:HPE ProLiant ML30 Gen10 Plus Server Platform Services (SPS) Firmware Release Version:06.00.03.700 Last Recommended or Critical Revision:06.00.03.700 Previous Revision:06.00.03.604 Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Problems Fixed:None Known Issues:None

Enhancements

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 06.00.03.700 (2.30_01_07_2025) should be paired with System ROM 2.30 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Known Issues:None

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Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems

Version: 05.01.05.005 (B) (Recommended)

Important Note!

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 05.01.05.005 should be paired with System ROM 3.50 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Deliverable Name:Server Platform Services (SPS) Firmware for HPE ProLiant DL20/ML30 Gen10 Servers Release Version:05.01.05.005 Last Recommended or Critical Revision:05.01.05.005 Previous Revision:05.01.04.913 Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Problems Fixed:None Known Issues:None

Enhancements

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 05.01.05.005 should be paired with System ROM 3.50 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Known Issues:None

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Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems

Version: 06.00.03.700 (Recommended)

Important Note!

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 06.00.03.700 (2.30_01_07_2025) should be paired with System ROM 2.30 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Deliverable Name:HPE ProLiant DL20 Gen10 Plus Server Platform Services (SPS) Firmware Release Version:06.00.03.700 Last Recommended or Critical Revision:06.00.03.700 Previous Revision:06.00.03.604 Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Problems Fixed:None Known Issues:None

Enhancements

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 06.00.03.700 (2.30_01_07_2025) should be paired with System ROM 2.30 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Known Issues:None

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ROM Flash Firmware Package - Innovation Engine Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors

Version: 0.2.3.0 (B) (Recommended)

Prerequisites

System ROM V1.26 or later iLO 5 v1.20 or later

Enhancements

Version 0.2.3.0 firmware

ROM Flash Firmware Package - Innovation Engine Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors

Version: 1.0.0.22 (B) (Recommended)

Prerequisites

System ROM V1.26 or later iLO 5 v1.20 or later

Enhancements

Version 1.0.0.22 firmware

ROM Flash Firmware Package - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors

Version: 04.01.05.105 (Recommended)

Important Note!

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 04.01.05.105 should be paired with System ROM 3.40 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Deliverable Name:Server Platform Services (SPS) Firmware for HPE Gen10 Servers Release Version:04.01.05.105 Last Recommended or Critical Revision:04.01.05.105 Previous Revision:04.01.05.002 Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Problems Fixed:None Known Issues:None

Enhancements

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 04.01.05.105 should be paired with System ROM 3.40 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Known Issues:None

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ROM Flash Firmware Package - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors

Version: 04.04.04.702 (Recommended)

Important Note!

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 04.04.04.702 (2.30_01_06_2025) should be paired with System ROM 2.30 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Deliverable Name:Server Platform Services (SPS) Firmware for HPE Gen10 Plus Servers Release Version:04.04.04.702 Last Recommended or Critical Revision:04.04.04.702 Previous Revision:04.04.04.603 Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Problems Fixed:None Known Issues:None

Enhancements

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned

with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 04.04.04.702 (2.30_01_06_2025) should be paired with System ROM 2.30 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Known Issues:None

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ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems

Version: 05.01.05.005 (Recommended)

Important Note!

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 05.01.05.005 should be paired with System ROM 3.50 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Deliverable Name:Server Platform Services (SPS) Firmware for HPE ProLiant DL20/ML30 Gen10 Servers Release Version:05.01.05.005 Last Recommended or Critical Revision:05.01.05.005 Previous Revision:05.01.04.913 Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Problems Fixed:None Known Issues:None

Enhancements

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 05.01.05.005 should be paired with System ROM 3.50 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Known Issues:None

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ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems

Version: 06.00.03.700 (Recommended)

Important Note!

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 06.00.03.700 (2.30_01_07_2025) should be paired with System ROM 2.30 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library |

HPE Support.Deliverable Name:HPE ProLiant ML30 Gen10 Plus Server Platform Services (SPS) Firmware Release Version:06.00.03.700 Last Recommended or Critical Revision:06.00.03.700 Previous Revision:06.00.03.604 Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Problems Fixed:None Known Issues:None

Enhancements

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 06.00.03.700 (2.30_01_07_2025) should be paired with System ROM 2.30 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Known Issues:None

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ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems

Version: 06.00.03.700 (Recommended)

Important Note!

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 06.00.03.700 (2.30_01_07_2025) should be paired with System ROM 2.30 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Deliverable Name:HPE ProLiant DL20 Gen10 Plus Server Platform Services (SPS) Firmware Release Version:06.00.03.700 Last Recommended or Critical Revision:06.00.03.700 Previous Revision:06.00.03.604 Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Problems Fixed:None Known Issues:None

Enhancements

Important Notes:This version of the Server Platform Services (SPS) Firmware contains updates aligned with the Intel Product Update (IPU) version IPU 2025.1 guidance. This version of the SPS 06.00.03.700 (2.30_01_07_2025) should be paired with System ROM 2.30 (01/16/2025) or later.Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.Firmware Dependencies:None

Enhancements/New Features:

This version is in compliance with IPU 2025.1 guidance.Known Issues:None

HPE Lights-Out Online Configuration Utility for Linux (AMD64/EM64T)

Version: 6.0.0-0 (B) (Optional)

Prerequisites

For Integrated Lights-Out 5, this utility requires minimum firmware revision 1.20 or later.The management interface driver and management agents must be installed on the server.For iLO 5 or later, openssl v1.0.x or later is required in addition to above packages.Customers who manually compile and install openssl or intentionally relocate /usr/bin/openssl, need to set PATH environment variable to direct HPONCFG to the right/intended openssl.

Fixes

Enabling rpm installation when OS is in FIPS mode

Enhancements

None

HPE Lights-Out Online Configuration Utility for Windows x64 Editions

Version: 6.0.0.0 (A) (Optional)

Important Note!

RIBCL and the scripting tools including HPQLOCFG, HPE Lights-Out XML PERL Scripting Sample for Linux (includes LOCFG.PL), HPE Lights-Out XML Scripting Sample for Windows, HPONCFG for Windows, HPONCFG for Linux, and HPLOMIG have entered the sustenance stage. HPE will now provide only critical bugs and security fixes for RIBCL and the scripting tools.Hewlett Packard Enterprise recommends using the iLOREST Tool (Download Pages and User Guide) or iLO RESTful API

Prerequisites

This utility requires the following minimum firmware revisions:

- Integrated Lights-Out 5 firmware v1.30 or later
- Integrated Lights-Out 6 firmware v1.10 or later The management interface driver must be installed on the server.

Microsoft .Net Framework 2.0 or later is required to launch HPONCFG GUI.

Fixes

None.

Enhancements

Added support for Windows 2025

HPE iLO Driver Bundle Smart Component for ESXi 8.0 and ESXi 9.0

Version: 2025.03.00 (Recommended)

Enhancements

Support VMware ESXi 9.0.

Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers

Version: 2025.02.01 (Recommended)

Important Note!

- Actual ESXi ssacli version is 6.45.8.0

Fixes

- Corrected wrong wording of Parity Initialization messages.
- Fixed vulnerability CVE-2023-45853.

Enhancements

- Added Write Cache Status field to the info page for physical drives when "pd all show detail" is used.

Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers

Version: 2025.03.01 (Recommended)

Important Note!

- Actual ESXi Version is 6.50.8.0

Enhancements

- Initial Release.

HPE MegaRAID Storage Administrator StorCLI for VMware8.0 (For Gen10P and Gen11 Controllers)

Version: 2025.01.01 (B) (Recommended)

Important Note!

- Actual ESXi Version is 007.3011.0000.0000

Enhancements

- Support new Gen12 servers.

HPE MegaRAID Storage Administrator StorCLI for VMware9.0 (For Gen10P and Gen11 Controllers)

Version: 2025.01.01 (Recommended)

Important Note!

- Actual ESXi Version is 007.3011.0000.0000

Enhancements

- Initial release.

HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions

Version: 1.2.1.69 (B) (Recommended)

Enhancements

- Added Azure Stack HCI 23H2 support

HPE QLogic Fibre Channel driver component for VMware vSphere 8.0

Version: 2024.09.01 (Recommended)

Important Note!

Release Notes:HPE QLogic Adapters Release Notes This component is intended to be used by HPE applications. It is a zip that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CPXXXX.xml file.This driver is only supported on VMware ESXi 8.0u3

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/

Enhancements

Driver version 5.4.83.1 This driver is only supported on VMware ESXi 8.0u3

Supported Devices and Features

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter

HPE QLogic Fibre Channel driver component for VMware vSphere 8.0

Version: 2024.09.01 (Recommended)

Important Note!

Release Notes:HPE QLogic Adapters Release Notes This component is intended to be used by HPE applications. It is a zip that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CPXXXX.xml file.

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/

Enhancements

Driver version 5.4.82.1

Supported Devices and Features

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

- HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter

HPE QLogic Fibre Channel driver component for VMware vSphere 9.0

Version: 2025.03.01 (Recommended)

Important Note!

Release Notes:HPE QLogic Adapters Release Notes This component is intended to be used by HPE applications. It is a zip that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CPXXXX.xml file.This driver is only supported on VMware ESXi 9.0

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:http://www.hpe.com/storage/spock/

Enhancements

Driver version 5.4.83.1 This driver is only supported on VMware ESXi 9.0

Supported Devices and Features

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter

Agentless Management Service (iLO 5, iLO 6 and iLO 7) for Red Hat Enterprise Linux 9 Server

Version: 4.0.0 (Recommended)

Prerequisites

- amsd only supported on HPE Gen10/Gen10 Plus and later Server Generations.
- amsd provides information to the iLO 5,iLO 6 and iLO 7 service providing SNMP support
- For HPE servers with iLO 7:

Ensure that the iLO Virtual NIC(VNIC) feature is enabled. Please refer to the HPE iLO User Guide for VNIC configuration procedure.

Fixes

See the AMS Release Notes for information about the issues resolved in this release.

Enhancements

See the AMS Release Notes for information about the enhancements in this release.

Agentless Management Service (iLO5, iLO 6) for Red Hat Enterprise Linux 8 Server

Version: 3.7.0 (Recommended)

Prerequisites

- amsd only supported on HPE Gen10/Gen10 Plus Servers and later Server Generations.
- amsd provides information to the iLO 5 and iLO 6 service providing SNMP support.

Fixes

See the AMS Release Notes for information about the issues resolved in this release.

Enhancements

See the AMS Release Notes for information about the enhancements in this release.

Agentless Management Service for Microsoft Windows x64

Version: 2.60.2.0 (Recommended)

Important Note!

About installation and enablement of SMA service:

- During AMS installation in interactive mode, there is pop up message to selectively install SMA.
- If Yes is selected, SMA service will be installed and set to running state.
- If No is selected, SMA service will be installed but the service is not enabled.
- During AMS installation in silent mode, SMA is installed but the service is not enabled.
- To enable SMA service at a later time, go to the following folder: %ProgramFiles%¥OEM¥AMS¥Service¥ (Typically c:¥Program Files¥OEM¥AMS¥Service) and execute "EnableSma.bat /f"
- IMPORTANT: The SNMP service community name and permission must also be setup. This is not done by "EnableSma.bat".
- To disable SMA after it has been enabled, go to the following folder: %ProgramFiles%¥OEM¥AMS¥Service¥ (Typically c:¥Program Files¥OEM¥AMS¥Service) and execute "DisableSma.bat /f"
- After installing Windows operating system, make sure all the latest Microsoft Updates are downloaded and installed (wuapp.exe can be launched to start the update process).

If this is not done, a critical error may be reported in Windows Event Log, "The Agentless Management Service terminated unexpectedly.".AMS Control Panel Applet:

- The AMS control panel applet UI is best displayed on the system when screen resolution is 1280 x 1024 pixels or higher and text size 100%.
- Test trap generated from AMS Control Panel Applet requires iLO5 firmware version 2.10 and newer.
- When in iLO5 high security mode (e.g. FIPS mode), MD5 authentication protocol will not be shown.

Prerequisites

The Channel Interface Driver for Windows X64 must be installed prior to this component.Microsoft SNMP Service must be enabled, if SMA (System Management Assistant) is enabled.

Fixes

See the AMS Release Notes for information about the issues resolved in this release.

Enhancements

See the AMS Release Notes for information about the enhancements in this release.

HPE Agentless Management Bundle Smart Component on ESXi for Gen10 and Gen10 Plus Servers

Version: 2025.03.01 (Recommended)

Fixes

See the AMS Release Notes for information about the issues resolved in this release.

Enhancements

See the AMS Release Notes for information about the enhancements in this release.

HPE MegaRAID Storage Administrator for Linux 64-bit (HPE MRSA for Gen10P and Gen11 Controllers)

Version: 8.10.12.0 (B) (Recommended)

Prerequisites

- For SLES15 and above platforms, one of the dependent rpms - 'insserv-compat' is required during installation/uninstallation. This is needed because MRSA startup script is based on SysV/init script and insserv adds as a bridge between SysV/init script and systemctl.
- From RHEL 8+ the Desktop ICON Launching property is disabled by default. Please use either yum or DNF to install gnome-tweak-tool and Enable the Desktop Shortcut feature to launch MRSA. The chkconfig package is not present in RHEL 9 by default. This package is required to auto start MRSA service on system boot. Please install chkconfig package before installing the MRSA.

Enhancements

- Support Azure Stack HCI 23H2 OS.
- Support new Gen12 servers.

HPE MegaRAID Storage Administrator for Windows 64-bit (HPE MRSA for Gen10 Plus and Gen11 Controllers)

Version: 8.10.12.0 (B) (Recommended)

Important Note!

- Please do not update MR controller FW/MRSA/StorCLI if systems installed both SR100i and MR controllers.

Enhancements

- Support new Gen12 servers.

HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit (for Gen10 and Gen11 Controllers)

Version: 007.3011.0000.0000 (B) (Recommended)

Enhancements

- Support Azure Stack HCI 23H2 OS.
- Support new Gen12 servers.

HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit (for Gen10P and Gen11 Controllers)

Version: 7.3011.0.0 (B) (Recommended)

Important Note!

- Please do not update MR controller FW/MRSA/StorCLI if systems installed both SR100i and MR controllers.

Enhancements

- Support Azure Stack HCI 23H2 OS.
- Support new Gen12 servers.

NVMe Drive Eject NMI Fix for Intel Xeon Processor Scalable Family for Microsoft Windows 64-bit

Version: 1.1.0.0 (H) (Optional)

Enhancements

- Updated supported environments

Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers

Version: 6.45.8.0 (Recommended)

Fixes

- Corrected wrong wording of Parity Initialization messages.
- Fixed vulnerability CVE-2023-45853.

Enhancements

- Added Write Cache Status field to the info page for physical drives when "pd all show detail" is used.

Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers

Version: 6.45.8.0 (Recommended)

Fixes

- Corrected wrong wording of Parity Initialization messages.
- Fixed vulnerability CVE-2023-45853.

Enhancements

- Added Write Cache Status field to the info page for physical drives when "pd all show detail" is used.

Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers

Version: 6.45.8.0 (Recommended)

Prerequisites

The Smart Storage Administrator for Linux requires the System Management Homepage software to be

installed on the server. If the System Management Homepage software is not already installed on your server, please download it from HPE.com and install it before installing the Smart Storage Administrator for Linux.IMPORTANT UPDATE: SSA (GUI) for Linux can now be run without requiring the System Management Homepage. SSA now supports a Local Application Mode for Linux. The System Management Homepage is still supported, but no longer required to run the SSA GUI.To invoke, enter the following at the command prompt:ssa -local The command will start SSA in a new Firefox browser window. When the browser window is closed, SSA will automatically stop. This is only valid for the loopback interface, and not visible to external network connections.

Fixes

- Fixed inappropriately prompted Rapid Parity Initialization messages.
- Fixed vulnerability CVE-2023-45853.

Enhancements

- Added Write Cache Status field to the info page for physical drives.

Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers

Version: 6.45.8.0 (Recommended)

Fixes

- Fixed inappropriately prompted Rapid Parity Initialization messages.
- Fixed vulnerability CVE-2023-45853.

Enhancements

- Added Write Cache Status field to the info page for physical drives.

Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers

Version: 6.45.8.0 (Recommended)

Fixes

- Corrected wrong wording of Parity Initialization messages.
- Fixed vulnerability CVE-2023-45853.

Enhancements

- Added Write Cache Status field to the info page for physical drives when "pd all show detail" is used.

Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers

Version: 6.45.8.0 (Recommended)

Important Note!

This stand alone version of the Smart Storage Administrator's Diagnostic feature is available only in CLI

form. For the GUI version of Diagnostic reports, please use Smart Storage Administrator (SSA).

Fixes

- Corrected wrong wording of Parity Initialization messages.
- Fixed vulnerability CVE-2023-45853.

Enhancements

- Added Write Cache Status field to the info page for physical drives when "pd all show detail" is used.