

HITACHI

HA8000V シリーズ

Service Pack for HA8000V (SPH)

Version 6.95 18

Readme

2026年8月

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。

1.1 他社所有名称に対する表示

HITACHI は、株式会社 日立製作所の商標または登録商標です。

Microsoft, Windows, Windows Server は、米国 Microsoft Corporation の米国およびその他の国における商標または登録商標です。

Intel、インテル、Xeon は、アメリカ合衆国およびその他の国における Intel Corporation の商標です。

Linux は、Linus Torvalds 氏の日本およびその他の国における登録商標または商標です。

Red Hat は、米国およびその他の国で Red Hat, Inc. の登録商標もしくは商標です。

iLO は、Hewlett Packard Enterprise Development LP の商標です。

VMware は、米国およびその他の地域における Broadcom Inc. の登録商標または商標です。

Broadcom は、Broadcom Inc. およびその関連会社の米国およびその他の国における登録商標または商標です。

QLogic は、Marvell Technology Group Ltd. およびその関連会社の米国およびその他の国における登録商標または商標です。

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。こちらも含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
2026年8月	初版

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
- Red Hat® Enterprise Linux® Server 9.6
- VMware® ESX 9.1
- VMware® ESX 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 9.6
- VMware® ESX 9.1

(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

- Microsoft® Windows Server® 2019
- Red Hat® Enterprise Linux® Server 9.4
- Red Hat® Enterprise Linux® Server 8.10

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、「[日立アドバンストサーバ 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)]-[アドバンスドオプション(Advanced Options)]から「アドバンスドオプション(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

(1) 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ます。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

(2) 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。

(3) 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。

(4) 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」()または「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」()「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」()または「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」()「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。

(5) 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

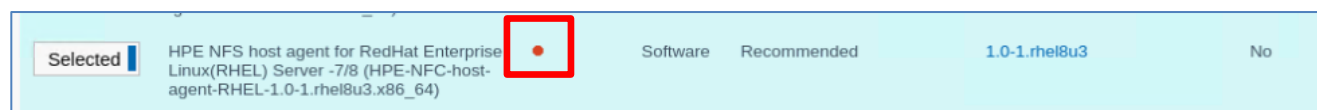
Linux 環境で利用するパッケージには、特定の OS ライブラリを前提とするものがあります。そのパッケージを適用する際、前提とする OS ライブラリが事前にインストールされていない場合、インベントリ完了後、または展開(Deploy)完了後に依存関係エラーとなります。

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。

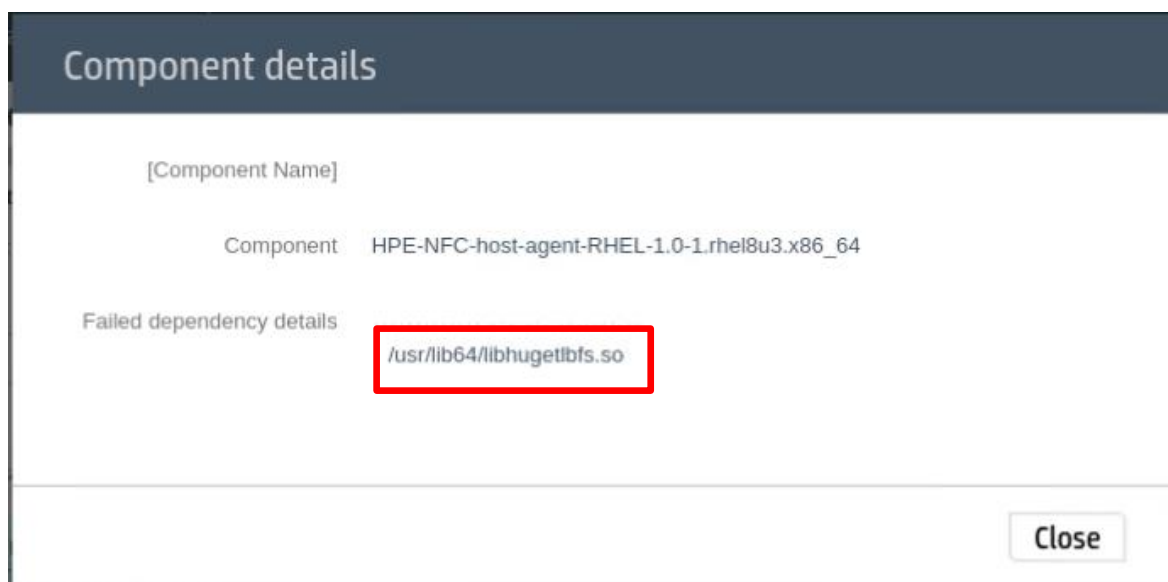
なお、依存する OS ライブラリは、依存関係解消後に新たな依存関係が発生する場合があります、その場合は依存関係エラーが解消するまで、SPH 適用を繰り返す必要があります。

【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。



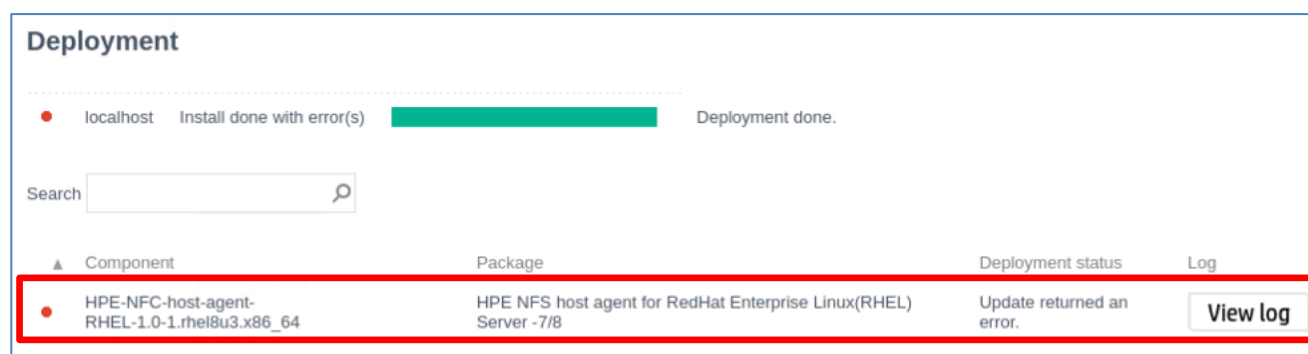
上記赤枠内の赤丸をダブルクリックすると次のダイアログが表示され、“Failed dependency details”として、インストールが必要となるファイル/ライブラリが表示されます。(赤枠内)



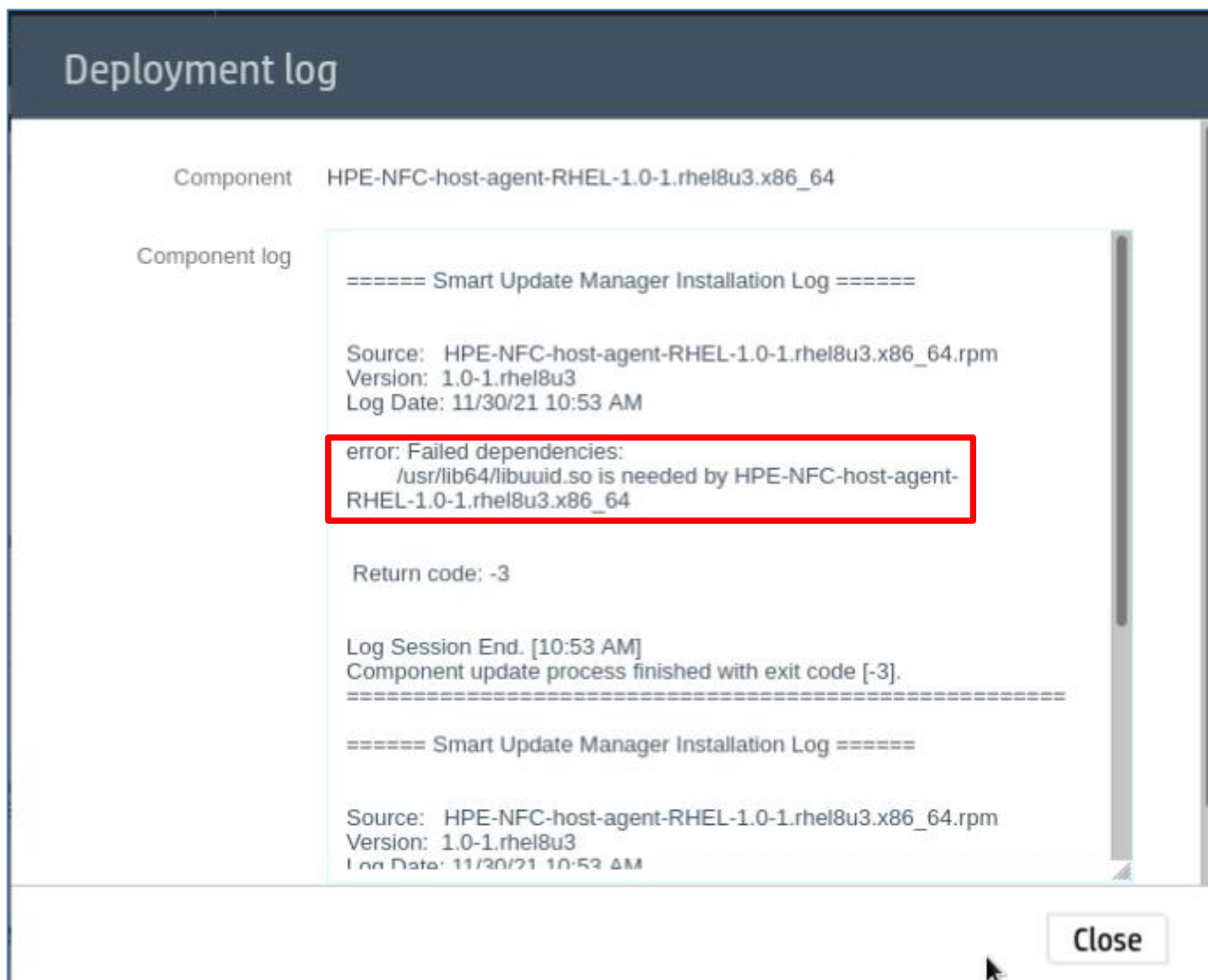
上記の例では、インストールが必要となるファイル/ライブラリとして、“libhugetlbfs.so”を示しています。

【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。

(6) 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。

❌ ファームウェアアップデート
直近のファームウェアのアップデートまたはアップロードする試みは成功しませんでした。有効な署名付きフラッシュファイルを使用していることを確認して、もう一度試してください。コンポーネントをインストールする場合は、まずそれをiLOレポジトリにアップロードしてから、それをインストールキューに追加してください。
✕
🗑

ファームウェア & OSソフト... - インストールキ...
●
🔍
🌐
⚠
🛡
👤
?

ファームウェア
ソフトウェア
メンテナンスウィンドウ
iLOレポジトリ
インストールセット

インストールキュー

iLO日付/時刻(UTC): 2021-12-01 13:09 +

状態	名前	開始	失効	
● 完了	Broadcom NetXtreme-E adapters 218.0.166.0	N/A	なし	✎ 🗑
● 完了	HPE SR932i-p and SR416i-a Gen10 Plus Controllers 03.01.04.072	N/A	なし	✎ 🗑
● 完了	Intel Firmware Package For E810-XXVDA2 Ethernet 10/25Gb 2-po...	N/A	なし	✎ 🗑
❖ 例外	Mellanox Firmware Package(FWPKG) for HPE Ethernet 10/25Gb 2~...	N/A	なし	✎ 🗑
🕒 保留	Mellanox Firmware Package(FWPKG) for HPE Ethernet 100Gb 1-po...	前のタスクの実行後	なし	✎ 🗑

🗑 **すべて削除**

⚡ ファームウェアのアップデート
📶 iLOレポジトリにアップロード
📋 キューに追加

「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な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。

(8) 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 2022	iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2022
2	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	cp071305.zip	sutComponent: 800.6.7.0.26-*.zip
2	VMware® ESX 9.0		
3	VMware® ESX 9.1		

- (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。
- (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。

① iSUT への認証情報設定

② iLO 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)

① iSUT 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 ilouusername=<username>  
Please provide the iLO password: <*****>
```

【注意】

認証情報の設定は、iSUT が OnDemand モードの状態で行ってください。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。

② iLO 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。

(2) 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】

(1) 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
```

(2) 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
```

(3) 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】

↑サブシステムおよびデバイス	ステータス
Agentless Management Service	✔ OK

【iLO が AMS に接続していない場合】

↑サブシステムおよびデバイス	ステータス
Agentless Management Service	① 利用不可能

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
TQ-N□□-P28787-B21	X710 10Gb 2p SFP+ Adptr	Adapter HPE Ethernet 10Gb 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+

	ラ	
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」－「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。

↑ファームウェア名	ファームウェアバージョン	位置
8 SFF 24G x1NVMe/SAS UBM3 BC BP	1.24	Slot=2:Port=1:Box=1
8 SFF 24G x1NVMe/SAS UBM3 BC BP	1.24	Slot=2:Port=1:Box=1
Embedded Video Controller	2.5	Embedded Device
HGST 400GB 12G SAS SSD	C172	Slot=2:Port=1:Box=1:Bay=1
HITACHI Profile	2021.05.11	System Board
HPE MR416i-p Gen10+	52.22.3-4650	PCI-E Slot 2
HPE Smart Storage Energy Pack 1 Firmware	0.70	Embedded Device
iLO 5	2.96 Aug 17 2023	System Board
Innovation Engine (IE) Firmware	1.0.0.22	System Board
Intel Eth Adptr I350T4 OCPv3	1.3353.0	OCP 3.0 Slot 10

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。

ファームウェアのフラッシュ

ファイル位置

☒ ローカルファイル

☐ リモートファイル

ローカルファイル

ファイルの選択 ファイルが選択されていません

☐ 同様に、iLOレポジトリに保存

フラッシュ

- (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一覧の[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めには、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 6.7.0 for ESXi 8.0, ESXi 9.0 and ESXi 9.1	cp071305.zip	-	2026.05.00	800.6.7.0.26-0
2	Integrated Smart Update Tools for Linux x64	sut-6.7.0-16.linux.x86_64.rpm	-	6.7.0.0	6.7.0-16.linux
3	Integrated Smart Update Tools for Windows x64	cp071306.exe	-	6.7.0.0	6.7.0.0

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-u30-3.66_2026_04_01-1.1.x86_64.rpm	System BIOS - U30	3.66_04-01-2026	U30 v3.66 (04/01/2026)
5	Online ROM Flash Component for Linux - System ROM U32	firmware-system-oem-u32-3.66_2026_04_01-1.1.x86_64.rpm	System BIOS - U32	3.66_04-01-2026	U32 v3.66 (04/01/2026)
6	Online ROM Flash Component for Linux - System ROM U34	firmware-system-oem-u34-3.66_2026_04_01-1.1.x86_64.rpm	System BIOS - U34	3.66_04-01-2026	U34 v3.66 (04/01/2026)
7	Online ROM Flash Component for Linux - System ROM U41	firmware-system-oem-u41-3.66_2026_04_01-1.1.x86_64.rpm	System BIOS - U41	3.66_04-01-2026	U41 v3.66 (04/01/2026)
8	Online ROM Flash Component for Linux - System ROM U44	firmware-system-oem-u44-3.74_2026_04_01-1.1.x86_64.rpm	System BIOS - U44	3.74_04-01-2026	U44 v3.74 (04/01/2026)
9	Online ROM Flash Component for Linux - System ROM U46	firmware-system-oem-u46-2.64_2026_04_01-1.1.x86_64.rpm	System BIOS - U46	2.64_04-01-2026	U46 v2.64 (04/01/2026)
10	Online ROM Flash Component for Linux - System ROM U60	firmware-system-oem-u60-2.64_2026_04_01-1.1.x86_64.rpm	System BIOS - U60	2.64_04-01-2026	U60 v2.64 (04/01/2026)
11	Online ROM Flash Component for Linux - System ROM U61	firmware-system-oem-u61-2.64_2026_04_01-1.1.x86_64.rpm	System BIOS - U61	2.64_04-01-2026	U61 v2.64 (04/01/2026)
12	Online ROM Flash Component for Windows x64 - System ROM U30	cp071365.exe	System BIOS - U30	3.66_04-01-2026	U30 v3.66 (04/01/2026)
13	Online ROM Flash Component for Windows x64 - System ROM U32	cp071402.exe	System BIOS - U32	3.66_04-01-2026	U32 v3.66 (04/01/2026)
14	Online ROM Flash Component for Windows x64 - System ROM U34	cp071411.exe	System BIOS - U34	3.66_04-01-2026	U34 v3.66 (04/01/2026)
15	Online ROM Flash Component for Windows x64 - System ROM U41	cp071422.exe	System BIOS - U41	3.66_04-01-2026	U41 v3.66 (04/01/2026)
16	Online ROM Flash Component for Windows x64 - System ROM U43	cp071437.exe	System BIOS - U43	3.74_04-01-2026	U43 v3.74 (04/01/2026)
17	Online ROM Flash Component for Windows x64 - System ROM U44	cp071438.exe	System BIOS - U44	3.74_04-01-2026	U44 v3.74 (04/01/2026)
18	Online ROM Flash Component for Windows x64 - System ROM U46	cp071373.exe	System BIOS - U46	2.64_04-01-2026	U46 v2.64 (04/01/2026)
19	Online ROM Flash Component for Windows x64 - System ROM U60	cp071347.exe	System BIOS - U60	2.64_04-01-2026	U60 v2.64 (04/01/2026)
20	Online ROM Flash Component for Windows x64 - System ROM U61	cp071341.exe	System BIOS - U61	2.64_04-01-2026	U61 v2.64 (04/01/2026)
21	ROM Flash Firmware Package - System ROM U30	OEM.U30_3.66_04_01_2026.fwpkg	System BIOS - U30	3.66_04-01-2026	U30 v3.66 (04/01/2026)
22	ROM Flash Firmware Package - System ROM U32	OEM.U32_3.66_04_01_2026.fwpkg	System BIOS - U32	3.66_04-01-2026	U32 v3.66 (04/01/2026)
23	ROM Flash Firmware Package - System ROM U34	OEM.U34_3.66_04_01_2026.fwpkg	System BIOS - U34	3.66_04-01-2026	U34 v3.66 (04/01/2026)
24	ROM Flash Firmware Package - System ROM U41	OEM.U41_3.66_04_01_2026.fwpkg	System BIOS - U41	3.66_04-01-2026	U41 v3.66 (04/01/2026)

25	ROM Flash Firmware Package - System ROM U43	OEM.U43_3.74_04_01_2026.fwpkg	System BIOS - U43	3.74_04-01-2026	U43 v3.74 (04/01/2026)
26	ROM Flash Firmware Package - System ROM U44	OEM.U44_3.74_04_01_2026.fwpkg	System BIOS - U44	3.74_04-01-2026	U44 v3.74 (04/01/2026)
27	ROM Flash Firmware Package - System ROM U46	OEM.U46_2.64_04_01_2026.fwpkg	System BIOS - U46	2.64_04-01-2026	U46 v2.64 (04/01/2026)
28	ROM Flash Firmware Package - System ROM U60	OEM.U60_2.64_04_01_2026.fwpkg	System BIOS - U60	2.64_04-01-2026	U60 v2.64 (04/01/2026)
29	ROM Flash Firmware Package - System ROM U61	OEM.U61_2.64_04_01_2026.fwpkg	System BIOS - U61	2.64_04-01-2026	U61 v2.64 (04/01/2026)

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	cp069695.exe	-	10.1.19928.86 15 (B)	10.1.19928.86 15
31	Identifiers for Intel Xeon E-23xx Processor for Microsoft Windows	cp069696.exe	-	10.1.19886.85 92 (B)	10.1.19886.85 92
32	Identifiers for Intel Xeon Scalable Processors (First and Second Generation) for Microsoft Windows	cp069693.exe	-	10.1.19006.82 99 (G)	10.1.19006.82 99
33	Identifiers for Intel Xeon Scalable Processors (Third Generation) for Microsoft Windows	cp069694.exe	-	10.1.19879.85 85 (E)	10.1.19879.85 85

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	cp069002.exe	BCM 5719 1GbE 4p BASE-T LOM Adptr	221.0.8.0 (C)	221.0.8.0
35	Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp069002.exe	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE	221.0.8.0 (C)	221.0.8.0
36	Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp069002.exe	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE	221.0.8.0 (C)	221.0.8.0
37	Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp069002.exe	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	221.0.8.0 (C)	221.0.8.0
38	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp069012.exe	BCM 57414 10/25GbE 2p SFP28 Adptr	235.1.122.0	235.1.122.0
39	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp069012.exe	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	235.1.122.0	235.1.122.0
40	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp069012.exe	BCM 57416 10GbE 2p BASE-T Adptr	235.1.122.0	235.1.122.0
41	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp069012.exe	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	235.1.122.0	235.1.122.0
42	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp069012.exe	BCM 57412 10GbE 2p SFP+ Adptr	235.1.122.0	235.1.122.0
43	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp069012.exe	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	235.1.122.0	235.1.122.0
44	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp069012.exe	BCM 57504 10/25GbE 4p SFP28 Adptr	235.1.122.0	235.1.122.0
45	Broadcom NetXtreme-E Driver for	cp069012.exe	BCM 57504	235.1.122.0	235.1.122.0

	Microsoft Windows Server 2022		10/25GbE 4p SFP28 OCP3 Adptr		
46	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2025	cp069011.exe	BCM 57414 10/25GbE 2p SFP28 Adptr	235.1.122.0	235.1.122.0
47	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2025	cp069011.exe	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	235.1.122.0	235.1.122.0
48	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2025	cp069011.exe	BCM 57416 10GbE 2p BASE-T Adptr	235.1.122.0	235.1.122.0
49	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2025	cp069011.exe	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	235.1.122.0	235.1.122.0
50	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2025	cp069011.exe	BCM 57412 10GbE 2p SFP+ Adptr	235.1.122.0	235.1.122.0
51	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2025	cp069011.exe	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	235.1.122.0	235.1.122.0
52	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2025	cp069011.exe	BCM 57504 10/25GbE 4p SFP28 Adptr	235.1.122.0	235.1.122.0
53	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2025	cp069011.exe	BCM 57504 10/25GbE 4p SFP28 OCP3 Adptr	235.1.122.0	235.1.122.0
54	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp069001.exe	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	221.0.8.0 (C)	221.0.8.0
55	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp069001.exe	HP Ethernet 1Gb 2-port 332T Adapter	221.0.8.0 (C)	221.0.8.0
56	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp069001.exe	HP Ethernet 1Gb 4-port 331FLR Adapter	221.0.8.0 (C)	221.0.8.0
57	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp069001.exe	HP Ethernet 1Gb 4-port 331T Adapter	221.0.8.0 (C)	221.0.8.0
58	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp069001.exe	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	221.0.8.0 (C)	221.0.8.0
59	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp068540.exe	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	235.1.122.0	235.1.122.0
60	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp068540.exe	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	235.1.122.0	235.1.122.0
61	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp068540.exe	HPE Ethernet 10Gb 2-port 535T Adapter	235.1.122.0	235.1.122.0
62	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp068540.exe	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	235.1.122.0	235.1.122.0
63	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp068540.exe	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	235.1.122.0	235.1.122.0
64	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp068540.exe	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	235.1.122.0	235.1.122.0
65	HPE Broadcom NetXtreme-E Driver for Windows Server 2025	cp068541.exe	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	235.1.122.0	235.1.122.0
66	HPE Broadcom NetXtreme-E Driver for Windows Server 2025	cp068541.exe	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	235.1.122.0	235.1.122.0
67	HPE Broadcom NetXtreme-E Driver for Windows Server 2025	cp068541.exe	HPE Ethernet 10Gb 2-port 535T	235.1.122.0	235.1.122.0

			Adapter		
68	HPE Broadcom NetXtreme-E Driver for Windows Server 2025	cp068541.exe	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	235.1.122.0	235.1.122.0
69	HPE Broadcom NetXtreme-E Driver for Windows Server 2025	cp068541.exe	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	235.1.122.0	235.1.122.0
70	HPE Broadcom NetXtreme-E Driver for Windows Server 2025	cp068541.exe	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	235.1.122.0	235.1.122.0
71	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-2 35.1.164.14.rhel9u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	1.10.3-235.1.1 64.14	1.10.3-235.1.1 64.14.rhel9u6
72	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-2 35.1.164.14.rhel9u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	1.10.3-235.1.1 64.14	1.10.3-235.1.1 64.14.rhel9u6
73	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-2 35.1.164.14.rhel9u6.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 Adptr	1.10.3-235.1.1 64.14	1.10.3-235.1.1 64.14.rhel9u6
74	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-2 35.1.164.14.rhel9u6.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	1.10.3-235.1.1 64.14	1.10.3-235.1.1 64.14.rhel9u6
75	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-2 35.1.164.14.rhel9u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	1.10.3-235.1.1 64.14	1.10.3-235.1.1 64.14.rhel9u6
76	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-2 35.1.164.14.rhel9u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 535T Adapter	1.10.3-235.1.1 64.14	1.10.3-235.1.1 64.14.rhel9u6
77	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-2 35.1.164.14.rhel9u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	1.10.3-235.1.1 64.14	1.10.3-235.1.1 64.14.rhel9u6
78	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-2 35.1.164.14.rhel9u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	1.10.3-235.1.1 64.14	1.10.3-235.1.1 64.14.rhel9u6
79	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-2 35.1.164.14.rhel9u6.x86_64.rpm	BCM 57416 10GbE 2p BASE-T Adptr	1.10.3-235.1.1 64.14	1.10.3-235.1.1 64.14.rhel9u6
80	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-2 35.1.164.14.rhel9u6.x86_64.rpm	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	1.10.3-235.1.1 64.14	1.10.3-235.1.1 64.14.rhel9u6
81	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-2 35.1.164.14.rhel9u6.x86_64.rpm	BCM 57412 10GbE 2p SFP+ Adptr	1.10.3-235.1.1 64.14	1.10.3-235.1.1 64.14.rhel9u6
82	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-2 35.1.164.14.rhel9u6.x86_64.rpm	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	1.10.3-235.1.1 64.14	1.10.3-235.1.1 64.14.rhel9u6
83	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-2 35.1.164.14.rhel9u6.x86_64.rpm	BCM 57504 10/25GbE 4p SFP28 Adptr	1.10.3-235.1.1 64.14	1.10.3-235.1.1 64.14.rhel9u6
84	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9	kmod-bnxt_en-1.10.3-2 35.1.164.14.rhel9u6.x86_64.rpm	BCM 57504 10/25GbE 4p SFP28 OCP3 Adptr	1.10.3-235.1.1 64.14	1.10.3-235.1.1 64.14.rhel9u6
85	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp068542.zip	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	2025.11.00	235.1.240.0-1 OEM.800.1.0. 20613240
86	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp068542.zip	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	2025.11.00	235.1.240.0-1 OEM.800.1.0. 20613240
87	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp068542.zip	BCM 57414 10/25GbE 2p SFP28 Adptr	2025.11.00	235.1.240.0-1 OEM.800.1.0. 20613240
88	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp068542.zip	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	2025.11.00	235.1.240.0-1 OEM.800.1.0. 20613240

89	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp068542.zip	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	2025.11.00	235.1.240.0-1 OEM.800.1.0.20613240
90	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp068542.zip	HPE Ethernet 10Gb 2-port 535T Adapter	2025.11.00	235.1.240.0-1 OEM.800.1.0.20613240
91	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp068542.zip	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	2025.11.00	235.1.240.0-1 OEM.800.1.0.20613240
92	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp068542.zip	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	2025.11.00	235.1.240.0-1 OEM.800.1.0.20613240
93	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp068542.zip	BCM 57416 10GbE 2p BASE-T Adptr	2025.11.00	235.1.240.0-1 OEM.800.1.0.20613240
94	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp068542.zip	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	2025.11.00	235.1.240.0-1 OEM.800.1.0.20613240
95	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp068542.zip	BCM 57412 10GbE 2p SFP+ Adptr	2025.11.00	235.1.240.0-1 OEM.800.1.0.20613240
96	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp068542.zip	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	2025.11.00	235.1.240.0-1 OEM.800.1.0.20613240
97	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp068542.zip	BCM 57504 10/25GbE 4p SFP28 Adptr	2025.11.00	235.1.240.0-1 OEM.800.1.0.20613240
98	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0	cp068542.zip	BCM 57504 10/25GbE 4p SFP28 OCP3 Adptr	2025.11.00	235.1.240.0-1 OEM.800.1.0.20613240
99	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp068543.zip	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	2025.11.00	235.1.240.0-1 OEM.900.0.24 755229
100	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp068543.zip	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	2025.11.00	235.1.240.0-1 OEM.900.0.24 755229
101	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp068543.zip	BCM 57414 10/25GbE 2p SFP28 Adptr	2025.11.00	235.1.240.0-1 OEM.900.0.24 755229
102	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp068543.zip	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	2025.11.00	235.1.240.0-1 OEM.900.0.24 755229
103	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp068543.zip	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	2025.11.00	235.1.240.0-1 OEM.900.0.24 755229
104	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp068543.zip	HPE Ethernet 10Gb 2-port 535T Adapter	2025.11.00	235.1.240.0-1 OEM.900.0.24 755229
105	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp068543.zip	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	2025.11.00	235.1.240.0-1 OEM.900.0.24 755229
106	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp068543.zip	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	2025.11.00	235.1.240.0-1 OEM.900.0.24 755229
107	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp068543.zip	BCM 57416 10GbE 2p BASE-T Adptr	2025.11.00	235.1.240.0-1 OEM.900.0.24 755229
108	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp068543.zip	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	2025.11.00	235.1.240.0-1 OEM.900.0.24 755229
109	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp068543.zip	BCM 57412 10GbE 2p SFP+ Adptr	2025.11.00	235.1.240.0-1 OEM.900.0.24 755229
110	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp068543.zip	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	2025.11.00	235.1.240.0-1 OEM.900.0.24

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111	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp068543.zip	BCM 57504 10/25GbE 4p SFP28 Adptr	2025.11.00	235.1.240.0-1 OEM.900.0.24 755229
112	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.0	cp068543.zip	BCM 57504 10/25GbE 4p SFP28 OCP3 Adptr	2025.11.00	235.1.240.0-1 OEM.900.0.24 755229
113	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.1	cp070844.zip	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	2026.03.00	235.1.240.0-1 OEM.900.0.24 755229
114	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.1	cp070844.zip	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	2026.03.00	235.1.240.0-1 OEM.900.0.24 755229
115	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.1	cp070844.zip	BCM 57414 10/25GbE 2p SFP28 Adptr	2026.03.00	235.1.240.0-1 OEM.900.0.24 755229
116	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.1	cp070844.zip	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	2026.03.00	235.1.240.0-1 OEM.900.0.24 755229
117	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.1	cp070844.zip	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	2026.03.00	235.1.240.0-1 OEM.900.0.24 755229
118	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.1	cp070844.zip	HPE Ethernet 10Gb 2-port 535T Adapter	2026.03.00	235.1.240.0-1 OEM.900.0.24 755229
119	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.1	cp070844.zip	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	2026.03.00	235.1.240.0-1 OEM.900.0.24 755229
120	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.1	cp070844.zip	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	2026.03.00	235.1.240.0-1 OEM.900.0.24 755229
121	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.1	cp070844.zip	BCM 57416 10GbE 2p BASE-T Adptr	2026.03.00	235.1.240.0-1 OEM.900.0.24 755229
122	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.1	cp070844.zip	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	2026.03.00	235.1.240.0-1 OEM.900.0.24 755229
123	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.1	cp070844.zip	BCM 57412 10GbE 2p SFP+ Adptr	2026.03.00	235.1.240.0-1 OEM.900.0.24 755229
124	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.1	cp070844.zip	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	2026.03.00	235.1.240.0-1 OEM.900.0.24 755229
125	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.1	cp070844.zip	BCM 57504 10/25GbE 4p SFP28 Adptr	2026.03.00	235.1.240.0-1 OEM.900.0.24 755229
126	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.1	cp070844.zip	BCM 57504 10/25GbE 4p SFP28 OCP3 Adptr	2026.03.00	235.1.240.0-1 OEM.900.0.24 755229
127	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 6.	libbnxt_re-235.1.164.14 -rhel9u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	235.1.164.14	235.1.164.14- rhel9u6
128	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 6.	libbnxt_re-235.1.164.14 -rhel9u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	235.1.164.14	235.1.164.14- rhel9u6
129	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 6.	libbnxt_re-235.1.164.14 -rhel9u6.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 Adptr	235.1.164.14	235.1.164.14- rhel9u6
130	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 6.	libbnxt_re-235.1.164.14 -rhel9u6.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	235.1.164.14	235.1.164.14- rhel9u6
131	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 6.	libbnxt_re-235.1.164.14 -rhel9u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	235.1.164.14	235.1.164.14- rhel9u6

132	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 6.	libbnxt_re-235.1.164.14-rhel9u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 535T Adapter	235.1.164.14	235.1.164.14-rhel9u6
133	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 6.	libbnxt_re-235.1.164.14-rhel9u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	235.1.164.14	235.1.164.14-rhel9u6
134	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 6.	libbnxt_re-235.1.164.14-rhel9u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	235.1.164.14	235.1.164.14-rhel9u6
135	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 6.	libbnxt_re-235.1.164.14-rhel9u6.x86_64.rpm	BCM 57416 10GbE 2p BASE-T Adptr	235.1.164.14	235.1.164.14-rhel9u6
136	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 6.	libbnxt_re-235.1.164.14-rhel9u6.x86_64.rpm	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	235.1.164.14	235.1.164.14-rhel9u6
137	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 6.	libbnxt_re-235.1.164.14-rhel9u6.x86_64.rpm	BCM 57412 10GbE 2p SFP+ Adptr	235.1.164.14	235.1.164.14-rhel9u6
138	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 6.	libbnxt_re-235.1.164.14-rhel9u6.x86_64.rpm	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	235.1.164.14	235.1.164.14-rhel9u6
139	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 6.	libbnxt_re-235.1.164.14-rhel9u6.x86_64.rpm	BCM 57504 10/25GbE 4p SFP28 Adptr	235.1.164.14	235.1.164.14-rhel9u6
140	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 9 Update 6.	libbnxt_re-235.1.164.14-rhel9u6.x86_64.rpm	BCM 57504 10/25GbE 4p SFP28 OCP3 Adptr	235.1.164.14	235.1.164.14-rhel9u6
141	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 9	kmod-tg3-3.139w-1.rhel9u6.x86_64.rpm	BCM 5719 1GbE 4p BASE-T LOM Adptr	3.139w-1	3.139w-1.rhel9u6
142	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 9	kmod-tg3-3.139w-1.rhel9u6.x86_64.rpm	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE	3.139w-1	3.139w-1.rhel9u6
143	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 9	kmod-tg3-3.139w-1.rhel9u6.x86_64.rpm	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE	3.139w-1	3.139w-1.rhel9u6
144	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 9	kmod-tg3-3.139w-1.rhel9u6.x86_64.rpm	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	3.139w-1	3.139w-1.rhel9u6
145	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 9	kmod-tg3-3.139w-1.rhel9u6.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	3.139w-1	3.139w-1.rhel9u6
146	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 9	kmod-tg3-3.139w-1.rhel9u6.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	3.139w-1	3.139w-1.rhel9u6
147	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 9	kmod-tg3-3.139w-1.rhel9u6.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	3.139w-1	3.139w-1.rhel9u6
148	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 9	kmod-tg3-3.139w-1.rhel9u6.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	3.139w-1	3.139w-1.rhel9u6
149	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 9	kmod-tg3-3.139w-1.rhel9u6.x86_64.rpm	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	3.139w-1	3.139w-1.rhel9u6
150	HPE Intel E1R Driver for Windows Server 2022	cp069520.exe	HPE Ethernet 1Gb 2-port 361i Adapter	14.0.13.0 (B)	14.0.13.0
151	HPE Intel E1R Driver for Windows Server 2022	cp069520.exe	HPE Ethernet 1Gb 2-port 361T Adapter	14.0.13.0 (B)	14.0.13.0
152	HPE Intel E1R Driver for Windows Server 2022	cp069520.exe	HPE Ethernet 1Gb 4-port 366FLR Adapter	14.0.13.0 (B)	14.0.13.0

153	HPE Intel E1R Driver for Windows Server 2022	cp069520.exe	HPE Ethernet 1Gb 4-port 366T Adapter	14.0.13.0 (B)	14.0.13.0
154	HPE Intel E1R Driver for Windows Server 2025	cp069521.exe	HPE Ethernet 1Gb 2-port 361i Adapter	14.1.24.0 (B)	14.1.24.0
155	HPE Intel E1R Driver for Windows Server 2025	cp069521.exe	HPE Ethernet 1Gb 2-port 361T Adapter	14.1.24.0 (B)	14.1.24.0
156	HPE Intel E1R Driver for Windows Server 2025	cp069521.exe	HPE Ethernet 1Gb 4-port 366FLR Adapter	14.1.24.0 (B)	14.1.24.0
157	HPE Intel E1R Driver for Windows Server 2025	cp069521.exe	HPE Ethernet 1Gb 4-port 366T Adapter	14.1.24.0 (B)	14.1.24.0
158	HPE Intel i40e Drivers for Red Hat Enterprise Linux 9	kmod-hp-i40e-2.28.16-1.rhel9u6.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	2.28.16-1	2.28.16-1.rhel9u6
159	HPE Intel i40e Drivers for Red Hat Enterprise Linux 9	kmod-hp-i40e-2.28.16-1.rhel9u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2.28.16-1	2.28.16-1.rhel9u6
160	HPE Intel i40e Drivers for Red Hat Enterprise Linux 9	kmod-hp-i40e-2.28.16-1.rhel9u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2.28.16-1	2.28.16-1.rhel9u6
161	HPE Intel i40e Drivers for Red Hat Enterprise Linux 9	kmod-hp-i40e-2.28.16-1.rhel9u6.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	2.28.16-1	2.28.16-1.rhel9u6
162	HPE Intel i40e Drivers for Red Hat Enterprise Linux 9	kmod-hp-i40e-2.28.16-1.rhel9u6.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	2.28.16-1	2.28.16-1.rhel9u6
163	HPE Intel i40ea Driver for Windows Server 2022	cp070545.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.24.41.0	1.24.41.0
164	HPE Intel i40ea Driver for Windows Server 2022	cp070545.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.24.41.0	1.24.41.0
165	HPE Intel i40eb Driver for Windows Server 2022	cp070547.exe	HPE Ethernet 1Gb 4-port 369i Adapter	1.24.41.0	1.24.41.0
166	HPE Intel i40eb Driver for Windows Server 2025	cp070548.exe	HPE Ethernet 1Gb 4-port 369i Adapter	1.24.41.0	1.24.41.0
167	HPE Intel i40en Driver for VMware vSphere 8.0	cp068940.zip	HPE Ethernet 1Gb 4-port 369i Adapter	2025.11.00	2.11.1.0-1OE M.800.1.0.20 613240
168	HPE Intel i40en Driver for VMware vSphere 8.0	cp068940.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2025.11.00	2.11.1.0-1OE M.800.1.0.20 613240
169	HPE Intel i40en Driver for VMware vSphere 8.0	cp068940.zip	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2025.11.00	2.11.1.0-1OE M.800.1.0.20 613240
170	HPE Intel i40en Driver for VMware vSphere 8.0	cp068940.zip	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	2025.11.00	2.11.1.0-1OE M.800.1.0.20 613240
171	HPE Intel i40en Driver for VMware vSphere 8.0	cp068940.zip	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	2025.11.00	2.11.1.0-1OE M.800.1.0.20 613240
172	HPE Intel i40en Driver for VMware vSphere 9.0	cp068941.zip	HPE Ethernet 1Gb 4-port 369i Adapter	2025.11.00	2.11.1.0-1OE M.900.0.2475 5229
173	HPE Intel i40en Driver for VMware vSphere 9.0	cp068941.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2025.11.00	2.11.1.0-1OE M.900.0.2475 5229
174	HPE Intel i40en Driver for VMware vSphere 9.0	cp068941.zip	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2025.11.00	2.11.1.0-1OE M.900.0.2475 5229
175	HPE Intel i40en Driver for VMware vSphere 9.0	cp068941.zip	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	2025.11.00	2.11.1.0-1OE M.900.0.2475 5229
176	HPE Intel i40en Driver for VMware	cp068941.zip	HPE Ethernet 10Gb	2025.11.00	2.11.1.0-1OE

	vSphere 9.0		2-port SFP+ X710-DA2 Adapter		M.900.0.2475 5229
177	HPE Intel i40en Driver for VMware vSphere 9.1	cp070845.zip	HPE Ethernet 1Gb 4-port 369i Adapter	2026.03.00	2.11.1.0-1OE M.900.0.2475 5229
178	HPE Intel i40en Driver for VMware vSphere 9.1	cp070845.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2026.03.00	2.11.1.0-1OE M.900.0.2475 5229
179	HPE Intel i40en Driver for VMware vSphere 9.1	cp070845.zip	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2026.03.00	2.11.1.0-1OE M.900.0.2475 5229
180	HPE Intel i40en Driver for VMware vSphere 9.1	cp070845.zip	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	2026.03.00	2.11.1.0-1OE M.900.0.2475 5229
181	HPE Intel i40en Driver for VMware vSphere 9.1	cp070845.zip	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	2026.03.00	2.11.1.0-1OE M.900.0.2475 5229
182	HPE Intel iavf Drivers for Red Hat Enterprise Linux 9	kmod-hp-iavf-4.13.20-1.rhel9u6.x86_64.rpm	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	4.13.20-1	4.13.20-1.rhel9u6
183	HPE Intel iavf Drivers for Red Hat Enterprise Linux 9	kmod-hp-iavf-4.13.20-1.rhel9u6.x86_64.rpm	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	4.13.20-1	4.13.20-1.rhel9u6
184	HPE Intel iavf Drivers for Red Hat Enterprise Linux 9	kmod-hp-iavf-4.13.20-1.rhel9u6.x86_64.rpm	Intel E810-XXVDA2 adapter	4.13.20-1	4.13.20-1.rhel9u6
185	HPE Intel iavf Drivers for Red Hat Enterprise Linux 9	kmod-hp-iavf-4.13.20-1.rhel9u6.x86_64.rpm	Intel E810-XXVDA2 OCP3 adapter	4.13.20-1	4.13.20-1.rhel9u6
186	HPE Intel iavf Drivers for Red Hat Enterprise Linux 9	kmod-hp-iavf-4.13.20-1.rhel9u6.x86_64.rpm	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	4.13.20-1	4.13.20-1.rhel9u6
187	HPE Intel iavf Drivers for Red Hat Enterprise Linux 9	kmod-hp-iavf-4.13.20-1.rhel9u6.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	4.13.20-1	4.13.20-1.rhel9u6
188	HPE Intel iavf Drivers for Red Hat Enterprise Linux 9	kmod-hp-iavf-4.13.20-1.rhel9u6.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	4.13.20-1	4.13.20-1.rhel9u6
189	HPE Intel iavf Drivers for Red Hat Enterprise Linux 9	kmod-hp-iavf-4.13.20-1.rhel9u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	4.13.20-1	4.13.20-1.rhel9u6
190	HPE Intel iavf Drivers for Red Hat Enterprise Linux 9	kmod-hp-iavf-4.13.20-1.rhel9u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	4.13.20-1	4.13.20-1.rhel9u6
191	HPE Intel iavf Drivers for Red Hat Enterprise Linux 9	kmod-hp-iavf-4.13.20-1.rhel9u6.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	4.13.20-1	4.13.20-1.rhel9u6
192	HPE Intel igb Drivers for Red Hat Enterprise Linux 9	kmod-hp-igb-5.19.10-1.rhel9u6.x86_64.rpm	HPE Ethernet 1Gb 2-port 361i Adapter	5.19.10-1	5.19.10-1.rhel9u6
193	HPE Intel igb Drivers for Red Hat Enterprise Linux 9	kmod-hp-igb-5.19.10-1.rhel9u6.x86_64.rpm	HPE Ethernet 1Gb 2-port 361T Adapter	5.19.10-1	5.19.10-1.rhel9u6
194	HPE Intel igb Drivers for Red Hat Enterprise Linux 9	kmod-hp-igb-5.19.10-1.rhel9u6.x86_64.rpm	HPE Ethernet 1Gb 4-port 366FLR Adapter	5.19.10-1	5.19.10-1.rhel9u6
195	HPE Intel igb Drivers for Red Hat Enterprise Linux 9	kmod-hp-igb-5.19.10-1.rhel9u6.x86_64.rpm	HPE Ethernet 1Gb 4-port 366T Adapter	5.19.10-1	5.19.10-1.rhel9u6
196	HPE Intel igb Drivers for Red Hat Enterprise Linux 9	kmod-hp-igb-5.19.10-1.rhel9u6.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	5.19.10-1	5.19.10-1.rhel9u6
197	HPE Intel igb Drivers for Red Hat Enterprise Linux 9	kmod-hp-igb-5.19.10-1.rhel9u6.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3	5.19.10-1	5.19.10-1.rhel9u6

			Adapter for HPE		
198	HPE Intel igbn Driver for VMware vSphere 8.0	cp066052.zip	HPE Ethernet 1Gb 2-port 361i Adapter	2025.05.00	1.12.2.0-1OE M.800.1.0.20 613240
199	HPE Intel igbn Driver for VMware vSphere 8.0	cp066052.zip	HPE Ethernet 1Gb 2-port 361T Adapter	2025.05.00	1.12.2.0-1OE M.800.1.0.20 613240
200	HPE Intel igbn Driver for VMware vSphere 8.0	cp066052.zip	HPE Ethernet 1Gb 4-port 366FLR Adapter	2025.05.00	1.12.2.0-1OE M.800.1.0.20 613240
201	HPE Intel igbn Driver for VMware vSphere 8.0	cp066052.zip	HPE Ethernet 1Gb 4-port 366T Adapter	2025.05.00	1.12.2.0-1OE M.800.1.0.20 613240
202	HPE Intel igbn Driver for VMware vSphere 8.0	cp066052.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	2025.05.00	1.12.2.0-1OE M.800.1.0.20 613240
203	HPE Intel igbn Driver for VMware vSphere 8.0	cp066052.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	2025.05.00	1.12.2.0-1OE M.800.1.0.20 613240
204	HPE Intel igbn Driver for VMware vSphere 9.0	cp067481.zip	HPE Ethernet 1Gb 2-port 361i Adapter	2025.11.00	1.13.2.0-1OE M.900.0.2458 0437
205	HPE Intel igbn Driver for VMware vSphere 9.0	cp067481.zip	HPE Ethernet 1Gb 2-port 361T Adapter	2025.11.00	1.13.2.0-1OE M.900.0.2458 0437
206	HPE Intel igbn Driver for VMware vSphere 9.0	cp067481.zip	HPE Ethernet 1Gb 4-port 366FLR Adapter	2025.11.00	1.13.2.0-1OE M.900.0.2458 0437
207	HPE Intel igbn Driver for VMware vSphere 9.0	cp067481.zip	HPE Ethernet 1Gb 4-port 366T Adapter	2025.11.00	1.13.2.0-1OE M.900.0.2458 0437
208	HPE Intel igbn Driver for VMware vSphere 9.0	cp067481.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	2025.11.00	1.13.2.0-1OE M.900.0.2458 0437
209	HPE Intel igbn Driver for VMware vSphere 9.0	cp067481.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	2025.11.00	1.13.2.0-1OE M.900.0.2458 0437
210	HPE Intel igbn Driver for VMware vSphere 9.1	cp070846.zip	HPE Ethernet 1Gb 2-port 361i Adapter	2026.03.00	1.13.2.0-1OE M.900.0.2458 0437
211	HPE Intel igbn Driver for VMware vSphere 9.1	cp070846.zip	HPE Ethernet 1Gb 2-port 361T Adapter	2026.03.00	1.13.2.0-1OE M.900.0.2458 0437
212	HPE Intel igbn Driver for VMware vSphere 9.1	cp070846.zip	HPE Ethernet 1Gb 4-port 366FLR Adapter	2026.03.00	1.13.2.0-1OE M.900.0.2458 0437
213	HPE Intel igbn Driver for VMware vSphere 9.1	cp070846.zip	HPE Ethernet 1Gb 4-port 366T Adapter	2026.03.00	1.13.2.0-1OE M.900.0.2458 0437
214	HPE Intel igbn Driver for VMware vSphere 9.1	cp070846.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	2026.03.00	1.13.2.0-1OE M.900.0.2458 0437
215	HPE Intel igbn Driver for VMware vSphere 9.1	cp070846.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	2026.03.00	1.13.2.0-1OE M.900.0.2458 0437
216	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 9	kmod-hp-ixgbe-6.3.4-1.rhel9u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	6.3.4-1	6.3.4-1.rhel9u6
217	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 9	kmod-hp-ixgbe-6.3.4-1.rhel9u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T	6.3.4-1	6.3.4-1.rhel9u6

			Adapter		
218	HPE Intel ixgben Driver for VMware vSphere 8.0	cp070243.zip	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	2026.03.00	1.23.3.0-10E M.800.1.0.20 613240
219	HPE Intel ixgben Driver for VMware vSphere 8.0	cp070243.zip	HPE Ethernet 10Gb 2-port 562T Adapter	2026.03.00	1.23.3.0-10E M.800.1.0.20 613240
220	HPE Intel ixgben Driver for VMware vSphere 9.0	cp070244.zip	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	2026.03.00	1.23.3.0-10E M.900.0.2475 5229
221	HPE Intel ixgben Driver for VMware vSphere 9.0	cp070244.zip	HPE Ethernet 10Gb 2-port 562T Adapter	2026.03.00	1.23.3.0-10E M.900.0.2475 5229
222	HPE Intel ixgben Driver for VMware vSphere 9.1	cp070841.zip	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	2026.03.00	1.23.3.0-10E M.900.0.2475 5229
223	HPE Intel ixgben Driver for VMware vSphere 9.1	cp070841.zip	HPE Ethernet 10Gb 2-port 562T Adapter	2026.03.00	1.23.3.0-10E M.900.0.2475 5229
224	HPE Intel ixgbevf Drivers for Red Hat Enterprise Linux 9	kmod-hp-ixgbevf-5.2.2-1.rhel9u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.2.2-1	5.2.2-1.rhel9u6
225	HPE Intel ixgbevf Drivers for Red Hat Enterprise Linux 9	kmod-hp-ixgbevf-5.2.2-1.rhel9u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	5.2.2-1	5.2.2-1.rhel9u6
226	HPE Intel ixs Driver for Windows Server 2022	cp069551.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.1.254.0 (D)	4.1.254.0
227	HPE Intel ixs Driver for Windows Server 2022	cp069551.exe	HPE Ethernet 10Gb 2-port 562T Adapter	4.1.254.0 (D)	4.1.254.0
228	HPE Intel ixs Driver for Windows Server 2025	cp069552.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.2.7.0 (B)	4.2.7.0
229	HPE Intel ixs Driver for Windows Server 2025	cp069552.exe	HPE Ethernet 10Gb 2-port 562T Adapter	4.2.7.0 (B)	4.2.7.0
230	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2022	cp070998.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	26.1.27016.0	26.1.27016.0
231	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2022	cp070998.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	26.1.27016.0	26.1.27016.0
232	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2025	cp070999.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	26.1.27016.0	26.1.27016.0
233	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2025	cp070999.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	26.1.27016.0	26.1.27016.0
234	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 6 (x86_64)	mft-4.35.0-159.rhel9u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	4.35	4.35.0-159.rhel9u6
235	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 6 (x86_64)	mft-4.35.0-159.rhel9u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	4.35	4.35.0-159.rhel9u6
236	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 6 (x86_64)	mft-4.35.0-159.rhel9u6.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	4.35	4.35.0-159.rhel9u6
237	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware	mft-4.35.0-159.rhel9u6.x86_64.rpm	HPE Ethernet 100Gb 2-port	4.35	4.35.0-159.rhel9u6

	update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 6 (x86_64)		QSFP56 MCX623106AS-CDA T Adapter		
238	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 6 (x86_64)	mft-4.35.0-159.rhel9u6.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	4.35	4.35.0-159.rhel9u6
239	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 6 (x86_64)	mft-4.35.0-159.rhel9u6.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	4.35	4.35.0-159.rhel9u6
240	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 6 (x86_64)	kmod-kernel-mft-mlnx-4.35.0-159.1.rhel9u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	4.35	4.35.0-159.1.rhel9u6
241	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 6 (x86_64)	kmod-kernel-mft-mlnx-4.35.0-159.1.rhel9u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	4.35	4.35.0-159.1.rhel9u6
242	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 6 (x86_64)	kmod-kernel-mft-mlnx-4.35.0-159.1.rhel9u6.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	4.35	4.35.0-159.1.rhel9u6
243	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 6 (x86_64)	kmod-kernel-mft-mlnx-4.35.0-159.1.rhel9u6.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDA T Adapter	4.35	4.35.0-159.1.rhel9u6
244	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 6 (x86_64)	kmod-kernel-mft-mlnx-4.35.0-159.1.rhel9u6.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	4.35	4.35.0-159.1.rhel9u6
245	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 9 Update 6 (x86_64)	kmod-kernel-mft-mlnx-4.35.0-159.1.rhel9u6.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	4.35	4.35.0-159.1.rhel9u6
246	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-26.01-OFED.26.01.1.0.0.1.1.5.14.0.570.12.1.el9.6.x86.64.1.rhel9u6.x86_64.rpm	MLX MCX631102 10/25GbE 2p SFP28 Adptr	26.01	26.01-OFED.26.01.1.0.0.1.1.5.14.0.570.12.1.el9.6.x86.64.1.rhel9u6
247	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-26.01-OFED.26.01.1.0.0.1.1.5.14.0.570.12.1.el9.6.x86.64.1.rhel9u6.x86_64.rpm	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	26.01	26.01-OFED.26.01.1.0.0.1.1.5.14.0.570.12.1.el9.6.x86.64.1.rhel9u6
248	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-26.01-OFED.26.01.1.0.0.1.1.5.14.0.570.12.1.el9.6.x86.64.1.rhel9u6.x86_64.rpm	HPE IB NDR200/EN 200G 1p OSFP Adptr	26.01	26.01-OFED.26.01.1.0.0.1.1.5.14.0.570.12.1.el9.6.x86.64.1.rhel9u6
249	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-26.01-OFED.26.01.1.0.0.1.1.5.14.0.570.12.1.el9.6.x86.64.1.rhel9u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	26.01	26.01-OFED.26.01.1.0.0.1.1.5.14.0.570.12.1.el9.6.x86.64.1.rhel9u6
250	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-26.01-OFED.26.01.1.0.0.1.1.5.14.0.570.12.1.el9.6.x86.64.1.rhel9u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28	26.01	26.01-OFED.26.01.1.0.0.1.1.5.14.0.570.12.1.el9.6.x86.64.1.rhel9u6

	(x86_64)	.6.x86.64.1.rhel9u6.x86_64.rpm	MCX562A-ACAI OCP3 Adapter		1.el9.6.x86.64.1.rhel9u6
251	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-26.01-OFED.26.01.1.0.0.1.1.5.14.0.570.12.1.el9.6.x86.64.1.rhel9u6.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	26.01	26.01-OFED.2 6.01.1.0.0.1.1. 5.14.0.570.12. 1.el9.6.x86.64 .1.rhel9u6
252	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-26.01-OFED.26.01.1.0.0.1.1.5.14.0.570.12.1.el9.6.x86.64.1.rhel9u6.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDA T Adapter	26.01	26.01-OFED.2 6.01.1.0.0.1.1. 5.14.0.570.12. 1.el9.6.x86.64 .1.rhel9u6
253	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-26.01-OFED.26.01.1.0.0.1.1.5.14.0.570.12.1.el9.6.x86.64.1.rhel9u6.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	26.01	26.01-OFED.2 6.01.1.0.0.1.1. 5.14.0.570.12. 1.el9.6.x86.64 .1.rhel9u6
254	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-26.01-OFED.26.01.1.0.0.1.1.5.14.0.570.12.1.el9.6.x86.64.1.rhel9u6.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	26.01	26.01-OFED.2 6.01.1.0.0.1.1. 5.14.0.570.12. 1.el9.6.x86.64 .1.rhel9u6
255	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-26.01-OFED.26.01.1.0.0.1.1.5.14.0.570.12.1.el9.6.x86.64.1.rhel9u6.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	26.01	26.01-OFED.2 6.01.1.0.0.1.1. 5.14.0.570.12. 1.el9.6.x86.64 .1.rhel9u6
256	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-26.01-OFED.26.01.1.0.0.1.1.5.14.0.570.12.1.el9.6.x86.64.1.rhel9u6.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	26.01	26.01-OFED.2 6.01.1.0.0.1.1. 5.14.0.570.12. 1.el9.6.x86.64 .1.rhel9u6
257	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-26.01-OFED.26.01.1.0.0.1.1.5.14.0.570.12.1.el9.6.x86.64.1.rhel9u6.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	26.01	26.01-OFED.2 6.01.1.0.0.1.1. 5.14.0.570.12. 1.el9.6.x86.64 .1.rhel9u6
258	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	mlnx-ofa_kernel-26.01-OFED.26.01.1.0.0.1.rhel9u6.x86_64.rpm	MLX MCX631102 10/25GbE 2p SFP28 Adptr	26.01	26.01-OFED.2 6.01.1.0.0.1.r hel9u6
259	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	mlnx-ofa_kernel-26.01-OFED.26.01.1.0.0.1.rhel9u6.x86_64.rpm	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	26.01	26.01-OFED.2 6.01.1.0.0.1.r hel9u6
260	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	mlnx-ofa_kernel-26.01-OFED.26.01.1.0.0.1.rhel9u6.x86_64.rpm	HPE IB NDR200/EN 200G 1p OSFP Adptr	26.01	26.01-OFED.2 6.01.1.0.0.1.r hel9u6
261	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	mlnx-ofa_kernel-26.01-OFED.26.01.1.0.0.1.rhel9u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	26.01	26.01-OFED.2 6.01.1.0.0.1.r hel9u6
262	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	mlnx-ofa_kernel-26.01-OFED.26.01.1.0.0.1.rhel9u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	26.01	26.01-OFED.2 6.01.1.0.0.1.r hel9u6
263	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	mlnx-ofa_kernel-26.01-OFED.26.01.1.0.0.1.rhel9u6.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	26.01	26.01-OFED.2 6.01.1.0.0.1.r hel9u6
264	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	mlnx-ofa_kernel-26.01-OFED.26.01.1.0.0.1.rhel9u6.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56	26.01	26.01-OFED.2 6.01.1.0.0.1.r hel9u6

	(x86_64)		MCX623106AS-CDA T Adapter		
265	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	mlnx-ofa_kernel-26.01- OFED.26.01.1.0.0.1.rhel 9u6.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	26.01	26.01-OFED.2 6.01.1.0.0.1.r hel9u6
266	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	mlnx-ofa_kernel-26.01- OFED.26.01.1.0.0.1.rhel 9u6.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	26.01	26.01-OFED.2 6.01.1.0.0.1.r hel9u6
267	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	mlnx-ofa_kernel-26.01- OFED.26.01.1.0.0.1.rhel 9u6.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	26.01	26.01-OFED.2 6.01.1.0.0.1.r hel9u6
268	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	mlnx-ofa_kernel-26.01- OFED.26.01.1.0.0.1.rhel 9u6.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	26.01	26.01-OFED.2 6.01.1.0.0.1.r hel9u6
269	HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)	mlnx-ofa_kernel-26.01- OFED.26.01.1.0.0.1.rhel 9u6.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	26.01	26.01-OFED.2 6.01.1.0.0.1.r hel9u6
270	HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 9	kmod-qlgc-fastlinq-8.76 .3.0-1.rhel9u6.x86_64.r pm	HPE Ethernet 10Gb 2-port 521T Adapter	8.76.3.0-5	8.76.3.0-1.rhe l9u6
271	HPE QLogic FastLinQ 10/25/50 GbE Drivers for Windows Server x64 Editions	cp069566.exe	HPE Ethernet 10Gb 2-port 521T Adapter	8.72.21.0 (D)	8.72.21.0
272	HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 8.0	cp070110.zip	HPE Ethernet 10Gb 2-port 521T Adapter	2026.03.00	6.0.420.1-10E M.800.1.0.20 613240
273	HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 9.0	cp070111.zip	HPE Ethernet 10Gb 2-port 521T Adapter	2026.03.00	6.0.420.1-10E M.800.1.0.20 613240
274	HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 9.1	cp070842.zip	HPE Ethernet 10Gb 2-port 521T Adapter	2026.03.00	6.0.420.1-10E M.800.1.0.20 613240
275	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	3.0.251.0-10E M.700.1.0.15 843807
276	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	3.0.251.0-10E M.700.1.0.15 843807
277	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	3.0.251.0-10E M.700.1.0.15 843807
278	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	3.0.251.0-10E M.700.1.0.15 843807
279	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	3.0.251.0-10E M.700.1.0.15 843807
280	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	3.0.251.0-10E M.700.1.0.15 843807
281	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 9.1	cp070843.zip	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	2026.03.00	3.0.251.0-10E M.700.1.0.15 843807
282	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 9.1	cp070843.zip	HPE Ethernet 10Gb 2-port 530T Adapter	2026.03.00	3.0.251.0-10E M.700.1.0.15 843807
283	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 9.1	cp070843.zip	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	2026.03.00	3.0.251.0-10E M.700.1.0.15 843807
284	HPE QLogic NX2 10/20 GbE	kmod-netxtreme2-7.15.	HPE Ethernet 10Gb	7.15.25-9 (B)	7.15.25-9.rhel

	Multifunction Drivers for Red Hat Enterprise Linux 9	25-9.rhel9u6.x86_64.rpm	2-port 530SFP+ Adapter		9u6
285	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 9	kmod-netxtreme2-7.15.25-9.rhel9u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 530T Adapter	7.15.25-9 (B)	7.15.25-9.rhel9u6
286	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 9	kmod-netxtreme2-7.15.25-9.rhel9u6.x86_64.rpm	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.15.25-9 (B)	7.15.25-9.rhel9u6
287	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp069562.exe	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	7.13.221.0 (C)	7.13.221.0
288	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp069562.exe	HPE Ethernet 10Gb 2-port 530T Adapter	7.13.221.0 (C)	7.13.221.0
289	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp069562.exe	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.13.221.0 (C)	7.13.221.0
290	Intel i350 Driver for Windows Server 2022	cp069544.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	14.0.13.0 (B)	14.0.13.0
291	Intel i350 Driver for Windows Server 2022	cp069544.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	14.0.13.0 (B)	14.0.13.0
292	Intel i350 Driver for Windows Server 2025	cp069545.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	14.1.24.0 (B)	14.1.24.0
293	Intel i350 Driver for Windows Server 2025	cp069545.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	14.1.24.0 (B)	14.1.24.0
294	Intel i40ea Driver for Windows Server 2022	cp070556.exe	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	1.24.41.0	1.24.41.0
295	Intel i40ea Driver for Windows Server 2022	cp070556.exe	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	1.24.41.0	1.24.41.0
296	Intel i40ea Driver for Windows Server 2025	cp070557.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.24.44.0	1.24.44.0
297	Intel i40ea Driver for Windows Server 2025	cp070557.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.24.44.0	1.24.44.0
298	Intel i40ea Driver for Windows Server 2025	cp070557.exe	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	1.24.44.0	1.24.44.0
299	Intel i40ea Driver for Windows Server 2025	cp070557.exe	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	1.24.44.0	1.24.44.0
300	Intel ice Drivers for Red Hat Enterprise Linux 9	kmod-ice-2.4.5-1.rhel9u6.x86_64.rpm	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	2.4.5-1	2.4.5-1.rhel9u6
301	Intel ice Drivers for Red Hat Enterprise Linux 9	kmod-ice-2.4.5-1.rhel9u6.x86_64.rpm	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	2.4.5-1	2.4.5-1.rhel9u6
302	Intel ice Drivers for Red Hat Enterprise Linux 9	kmod-ice-2.4.5-1.rhel9u6.x86_64.rpm	Intel E810-XXVDA2 adapter	2.4.5-1	2.4.5-1.rhel9u6
303	Intel ice Drivers for Red Hat Enterprise Linux 9	kmod-ice-2.4.5-1.rhel9u6.x86_64.rpm	Intel E810-XXVDA2 OCP3 adapter	2.4.5-1	2.4.5-1.rhel9u6
304	Intel ice Drivers for Red Hat Enterprise Linux 9	kmod-ice-2.4.5-1.rhel9u6.x86_64.rpm	Intel E810-XXVDA4 Ethernet 10/25Gb	2.4.5-1	2.4.5-1.rhel9u6

			4-port SFP28 Adapter for HPE		
305	Intel ica Driver for Microsoft Windows Server 2022	cp070553.exe	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	1.20.39.0	1.20.39.0
306	Intel ica Driver for Microsoft Windows Server 2022	cp070553.exe	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	1.20.39.0	1.20.39.0
307	Intel ica Driver for Microsoft Windows Server 2022	cp070553.exe	Intel E810-XXVDA2 adapter	1.20.39.0	1.20.39.0
308	Intel ica Driver for Microsoft Windows Server 2022	cp070553.exe	Intel E810-XXVDA2 OCP3 adapter	1.20.39.0	1.20.39.0
309	Intel ica Driver for Microsoft Windows Server 2022	cp070553.exe	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	1.20.39.0	1.20.39.0
310	Intel ica Driver for Microsoft Windows Server 2025	cp070554.exe	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	1.20.43.0	1.20.43.0
311	Intel ica Driver for Microsoft Windows Server 2025	cp070554.exe	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	1.20.43.0	1.20.43.0
312	Intel ica Driver for Microsoft Windows Server 2025	cp070554.exe	Intel E810-XXVDA2 adapter	1.20.43.0	1.20.43.0
313	Intel ica Driver for Microsoft Windows Server 2025	cp070554.exe	Intel E810-XXVDA2 OCP3 adapter	1.20.43.0	1.20.43.0
314	Intel ica Driver for Microsoft Windows Server 2025	cp070554.exe	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	1.20.43.0	1.20.43.0
315	Intel icen Driver for VMware vSphere 8.0	cp068814.zip	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	2026.03.00	2.3.3.0-10EM.800.1.0.20613240
316	Intel icen Driver for VMware vSphere 8.0	cp068814.zip	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	2026.03.00	2.3.3.0-10EM.800.1.0.20613240
317	Intel icen Driver for VMware vSphere 8.0	cp068814.zip	Intel E810-XXVDA2 adapter	2026.03.00	2.3.3.0-10EM.800.1.0.20613240
318	Intel icen Driver for VMware vSphere 8.0	cp068814.zip	Intel E810-XXVDA2 OCP3 adapter	2026.03.00	2.3.3.0-10EM.800.1.0.20613240
319	Intel icen Driver for VMware vSphere 8.0	cp068814.zip	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	2026.03.00	2.3.3.0-10EM.800.1.0.20613240
320	Intel icen Driver for VMware vSphere 9.0	cp068815.zip	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	2026.03.00	2.3.3.0-10EM.900.0.24755229
321	Intel icen Driver for VMware vSphere 9.0	cp068815.zip	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	2026.03.00	2.3.3.0-10EM.900.0.24755229
322	Intel icen Driver for VMware vSphere 9.0	cp068815.zip	Intel E810-XXVDA2 adapter	2026.03.00	2.3.3.0-10EM.900.0.247552

					29
323	Intel icen Driver for VMware vSphere 9.0	cp068815.zip	Intel E810-XXVDA2 OCP3 adapter	2026.03.00	2.3.3.0-1OEM.900.0.247552 29
324	Intel icen Driver for VMware vSphere 9.0	cp068815.zip	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	2026.03.00	2.3.3.0-1OEM.900.0.247552 29
325	Intel icen Driver for VMware vSphere 9.1	cp070840.zip	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	2026.03.00	2.3.3.0-1OEM.900.0.247552 29
326	Intel icen Driver for VMware vSphere 9.1	cp070840.zip	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	2026.03.00	2.3.3.0-1OEM.900.0.247552 29
327	Intel icen Driver for VMware vSphere 9.1	cp070840.zip	Intel E810-XXVDA2 adapter	2026.03.00	2.3.3.0-1OEM.900.0.247552 29
328	Intel icen Driver for VMware vSphere 9.1	cp070840.zip	Intel E810-XXVDA2 OCP3 adapter	2026.03.00	2.3.3.0-1OEM.900.0.247552 29
329	Intel icen Driver for VMware vSphere 9.1	cp070840.zip	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	2026.03.00	2.3.3.0-1OEM.900.0.247552 29
330	Mellanox WinOF2 Driver for Microsoft Windows Server 2022	cp070995.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	26.1.27016.0	26.1.27016.0
331	Mellanox WinOF2 Driver for Microsoft Windows Server 2022	cp070995.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	26.1.27016.0	26.1.27016.0
332	Mellanox WinOF2 Driver for Microsoft Windows Server 2022	cp070995.exe	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDA T Adapter	26.1.27016.0	26.1.27016.0
333	Mellanox WinOF2 Driver for Microsoft Windows Server 2022	cp070995.exe	MLX MCX631102 10/25GbE 2p SFP28 Adptr	26.1.27016.0	26.1.27016.0
334	Mellanox WinOF2 Driver for Microsoft Windows Server 2022	cp070995.exe	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	26.1.27016.0	26.1.27016.0
335	Mellanox WinOF2 Driver for Microsoft Windows Server 2025	cp070996.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	26.1.27016.0	26.1.27016.0
336	Mellanox WinOF2 Driver for Microsoft Windows Server 2025	cp070996.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	26.1.27016.0	26.1.27016.0
337	Mellanox WinOF2 Driver for Microsoft Windows Server 2025	cp070996.exe	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDA T Adapter	26.1.27016.0	26.1.27016.0
338	Mellanox WinOF2 Driver for Microsoft Windows Server 2025	cp070996.exe	MLX MCX631102 10/25GbE 2p SFP28 Adptr	26.1.27016.0	26.1.27016.0

339	Mellanox WinOF2 Driver for Microsoft Windows Server 2025	cp070996.exe	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	26.1.27016.0	26.1.27016.0
340	net-mst kernel module driver component for VMware ESXi 8.0 Update 3	cp052054.zip	MLX MCX631102 10/25GbE 2p SFP28 Adptr	2025.03.17	4.31.0.150-10 EM.801.0.0.2 1495797
341	net-mst kernel module driver component for VMware ESXi 8.0 Update 3	cp052054.zip	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	2025.03.17	4.31.0.150-10 EM.801.0.0.2 1495797
342	net-mst kernel module driver component for VMware ESXi 8.0 Update 3	cp052054.zip	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	2025.03.17	4.31.0.150-10 EM.801.0.0.2 1495797
343	net-mst kernel module driver component for VMware ESXi 8.0 Update 3	cp052054.zip	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	2025.03.17	4.31.0.150-10 EM.801.0.0.2 1495797
344	net-mst kernel module driver component for VMware ESXi 8.0 Update 3	cp052054.zip	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	2025.03.17	4.31.0.150-10 EM.801.0.0.2 1495797
345	net-mst kernel module driver component for VMware ESXi 8.0 Update 3	cp052054.zip	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDA T Adapter	2025.03.17	4.31.0.150-10 EM.801.0.0.2 1495797
346	net-mst kernel module driver component for VMware ESXi 8.0 Update 3	cp052054.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2025.03.17	4.31.0.150-10 EM.801.0.0.2 1495797
347	net-mst kernel module driver component for VMware ESXi 8.0 Update 3	cp052054.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2025.03.17	4.31.0.150-10 EM.801.0.0.2 1495797
348	net-mst kernel module driver component for VMware ESXi 8.0 Update 3	cp052054.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2025.03.17	4.31.0.150-10 EM.801.0.0.2 1495797
349	net-mst kernel module driver component for VMware ESXi 8.0 Update 3	cp052054.zip	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	2025.03.17	4.31.0.150-10 EM.801.0.0.2 1495797
350	net-mst kernel module driver component for VMware ESXi 8.0 Update 3	cp052054.zip	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	2025.03.17	4.31.0.150-10 EM.801.0.0.2 1495797
351	net-mst kernel module driver component for VMware ESXi 9uX	cp070987.zip	MLX MCX631102 10/25GbE 2p SFP28 Adptr	2026.02.23	4.34.1.11-10E M.900.0.2475 5229
352	net-mst kernel module driver component for VMware ESXi 9uX	cp070987.zip	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	2026.02.23	4.34.1.11-10E M.900.0.2475 5229
353	net-mst kernel module driver component for VMware ESXi 9uX	cp070987.zip	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	2026.02.23	4.34.1.11-10E M.900.0.2475 5229
354	net-mst kernel module driver component for VMware ESXi 9uX	cp070987.zip	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	2026.02.23	4.34.1.11-10E M.900.0.2475 5229
355	net-mst kernel module driver component for VMware ESXi 9uX	cp070987.zip	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	2026.02.23	4.34.1.11-10E M.900.0.2475 5229

356	net-mst kernel module driver component for VMware ESXi 9uX	cp070987.zip	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDA T Adapter	2026.02.23	4.34.1.11-10E M.900.0.2475 5229
357	net-mst kernel module driver component for VMware ESXi 9uX	cp070987.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2026.02.23	4.34.1.11-10E M.900.0.2475 5229
358	net-mst kernel module driver component for VMware ESXi 9uX	cp070987.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2026.02.23	4.34.1.11-10E M.900.0.2475 5229
359	net-mst kernel module driver component for VMware ESXi 9uX	cp070987.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2026.02.23	4.34.1.11-10E M.900.0.2475 5229
360	net-mst kernel module driver component for VMware ESXi 9uX	cp070987.zip	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	2026.02.23	4.34.1.11-10E M.900.0.2475 5229
361	net-mst kernel module driver component for VMware ESXi 9uX	cp070987.zip	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	2026.02.23	4.34.1.11-10E M.900.0.2475 5229

6.2.5 Driver – Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
362	HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus Controllers and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 Controllers Driver (64-bit) for vSphere 8.0	cp068884.zip	Broadcom MR416i-p Cntrl for HPE Gen10+	2026.03.01	7.736.02.00-1 OEM.800.1.0. 20613240
363	HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus Controllers and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 Controllers Driver (64-bit) for vSphere 8.0	cp068884.zip	Broadcom MR416i-a Cntrl for HPE Gen10+	2026.03.01	7.736.02.00-1 OEM.800.1.0. 20613240
364	HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus Controllers and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 Controllers Driver (64-bit) for vSphere 8.0	cp068884.zip	Broadcom MR216i-p Cntrl for HPE Gen10+	2026.03.01	7.736.02.00-1 OEM.800.1.0. 20613240
365	HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus Controllers and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 Controllers Driver (64-bit) for vSphere 8.0	cp068884.zip	Broadcom MR216i-a Cntrl for HPE Gen10+	2026.03.01	7.736.02.00-1 OEM.800.1.0. 20613240
366	HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus Controllers and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 Controllers Driver (64-bit) for vSphere 9.0	cp068885.zip	Broadcom MR416i-p Cntrl for HPE Gen10+	2026.03.01	7.736.02.00-1 OEM.900.0.24 755229
367	HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus Controllers and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 Controllers Driver (64-bit) for vSphere 9.0	cp068885.zip	Broadcom MR416i-a Cntrl for HPE Gen10+	2026.03.01	7.736.02.00-1 OEM.900.0.24 755229
368	HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus Controllers and	cp068885.zip	Broadcom MR216i-p Cntrl for	2026.03.01	7.736.02.00-1 OEM.900.0.24

	MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 Controllers Driver (64-bit) for vSphere 9.0		HPE Gen10+		755229
369	HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus Controllers and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 Controllers Driver (64-bit) for vSphere 9.0	cp068885.zip	Broadcom MR216i-a Cntrl for HPE Gen10+	2026.03.01	7.736.02.00-1 OEM.900.0.24 755229
370	HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus Controllers and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 Controllers Driver for 64-bit Red Hat Enterprise Linux 9	kmod-megaraid_sas-07.736.04.00_rhel9u6-1.x86_64.rpm	Broadcom MR416i-p Cntrl for HPE Gen10+	07.736.04.00	07.736.04.00_rhel9u6-1
371	HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus Controllers and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 Controllers Driver for 64-bit Red Hat Enterprise Linux 9	kmod-megaraid_sas-07.736.04.00_rhel9u6-1.x86_64.rpm	Broadcom MR216i-p Cntrl for HPE Gen10+	07.736.04.00	07.736.04.00_rhel9u6-1
372	HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus Controllers and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 Controllers Driver for 64-bit Red Hat Enterprise Linux 9	kmod-megaraid_sas-07.736.04.00_rhel9u6-1.x86_64.rpm	Broadcom MR416i-a Cntrl for HPE Gen10+	07.736.04.00	07.736.04.00_rhel9u6-1
373	HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus Controllers and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 Controllers Driver for 64-bit Red Hat Enterprise Linux 9	kmod-megaraid_sas-07.736.04.00_rhel9u6-1.x86_64.rpm	Broadcom MR216i-a Cntrl for HPE Gen10+	07.736.04.00	07.736.04.00_rhel9u6-1
374	HPE MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10p Controllers and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 Controllers driver for Microsoft Windows 2025 edition	cp069507.exe	Broadcom MR416i-p Cntrl for HPE Gen10+	7.736.3.0	7.736.3.0
375	HPE MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10p Controllers and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 Controllers driver for Microsoft Windows 2025 edition	cp069507.exe	Broadcom MR416i-a Cntrl for HPE Gen10+	7.736.3.0	7.736.3.0
376	HPE MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10p Controllers and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 Controllers driver for Microsoft Windows 2025 edition	cp069507.exe	Broadcom MR216i-p Cntrl for HPE Gen10+	7.736.3.0	7.736.3.0
377	HPE MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10p Controllers and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 Controllers driver for Microsoft Windows 2025 edition	cp069507.exe	Broadcom MR216i-a Cntrl for HPE Gen10+	7.736.3.0	7.736.3.0
378	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 8.0 (Driver Component).	cp069364.zip	HPE Smart Array E208e-p SR Gen10 Controller	2026.01.01	80.4880.0.109 -1OEM.800.1.0.20613240
379	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 8.0 (Driver Component).	cp069364.zip	Microchip SR416i-a Cntrl for HPE Gen10+	2026.01.01	80.4880.0.109 -1OEM.800.1.0.20613240

380	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 8.0 (Driver Component).	cp069364.zip	Microchip SR932i-p Cntrl for HPE Gen10+	2026.01.01	80.4880.0.109 -10EM.800.1. 0.20613240
381	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 8.0 (Driver Component).	cp069364.zip	HPE Smart Array P816i-a SR Gen10 Controller	2026.01.01	80.4880.0.109 -10EM.800.1. 0.20613240
382	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 8.0 (Driver Component).	cp069364.zip	HPE Smart Array P408i-a SR Gen10 Controller	2026.01.01	80.4880.0.109 -10EM.800.1. 0.20613240
383	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 8.0 (Driver Component).	cp069364.zip	HPE Smart Array P408i-p SR Gen10 Controller	2026.01.01	80.4880.0.109 -10EM.800.1. 0.20613240
384	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 8.0 (Driver Component).	cp069364.zip	HPE Smart Array E208i-a SR Gen10 Controller	2026.01.01	80.4880.0.109 -10EM.800.1. 0.20613240
385	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 8.0 (Driver Component).	cp069364.zip	HPE Smart Array E208i-p SR Gen10 Controller	2026.01.01	80.4880.0.109 -10EM.800.1. 0.20613240
386	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 9.0 (Driver Component).	cp069363.zip	HPE Smart Array E208e-p SR Gen10 Controller	2026.01.01	90.4880.0.109 -10EM.900.0. 24755229
387	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 9.0 (Driver Component).	cp069363.zip	Microchip SR416i-a Cntrl for HPE Gen10+	2026.01.01	90.4880.0.109 -10EM.900.0. 24755229
388	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 9.0 (Driver Component).	cp069363.zip	Microchip SR932i-p Cntrl for HPE Gen10+	2026.01.01	90.4880.0.109 -10EM.900.0. 24755229
389	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 9.0 (Driver Component).	cp069363.zip	HPE Smart Array P816i-a SR Gen10 Controller	2026.01.01	90.4880.0.109 -10EM.900.0. 24755229
390	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 9.0 (Driver Component).	cp069363.zip	HPE Smart Array P408i-a SR Gen10 Controller	2026.01.01	90.4880.0.109 -10EM.900.0. 24755229
391	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 9.0 (Driver Component).	cp069363.zip	HPE Smart Array P408i-p SR Gen10 Controller	2026.01.01	90.4880.0.109 -10EM.900.0. 24755229
392	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 9.0 (Driver Component).	cp069363.zip	HPE Smart Array E208i-a SR Gen10 Controller	2026.01.01	90.4880.0.109 -10EM.900.0. 24755229
393	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 9.0 (Driver Component).	cp069363.zip	HPE Smart Array E208i-p SR Gen10 Controller	2026.01.01	90.4880.0.109 -10EM.900.0. 24755229
394	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 9 (64-bit)	kmod-smartpqi-2.1.38-022.rhel9u6.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	2.1.38-022	2.1.38-022.rhel9u6
395	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 9 (64-bit)	kmod-smartpqi-2.1.38-022.rhel9u6.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	2.1.38-022	2.1.38-022.rhel9u6
396	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit)	kmod-smartpqi-2.1.38-022.rhel9u6.x86_64.rpm	HPE Smart Array P816i-a SR Gen10	2.1.38-022	2.1.38-022.rhel9u6

	Driver for Red Hat Enterprise Linux 9 (64-bit)	m	Controller		
397	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 9 (64-bit)	kmod-smartpqi-2.1.38-022.rhel9u6.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	2.1.38-022	2.1.38-022.rhel9u6
398	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 9 (64-bit)	kmod-smartpqi-2.1.38-022.rhel9u6.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	2.1.38-022	2.1.38-022.rhel9u6
399	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 9 (64-bit)	kmod-smartpqi-2.1.38-022.rhel9u6.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	2.1.38-022	2.1.38-022.rhel9u6
400	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 9 (64-bit)	kmod-smartpqi-2.1.38-022.rhel9u6.x86_64.rpm	Microchip SR932i-p Cntrl for HPE Gen10+	2.1.38-022	2.1.38-022.rhel9u6
401	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 9 (64-bit)	kmod-smartpqi-2.1.38-022.rhel9u6.x86_64.rpm	Microchip SR416i-a Cntrl for HPE Gen10+	2.1.38-022	2.1.38-022.rhel9u6
402	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2022 and Windows Server 2025	cp069362.exe	HPE Smart Array P408i-a SR Gen10 Controller	1016.30.0.1014	1016.30.0.1014
403	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2022 and Windows Server 2025	cp069362.exe	HPE Smart Array P408i-p SR Gen10 Controller	1016.30.0.1014	1016.30.0.1014
404	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2022 and Windows Server 2025	cp069362.exe	HPE Smart Array P816i-a SR Gen10 Controller	1016.30.0.1014	1016.30.0.1014
405	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2022 and Windows Server 2025	cp069362.exe	HPE Smart Array E208e-p SR Gen10 Controller	1016.30.0.1014	1016.30.0.1014
406	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2022 and Windows Server 2025	cp069362.exe	HPE Smart Array E208i-a SR Gen10 Controller	1016.30.0.1014	1016.30.0.1014
407	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2022 and Windows Server 2025	cp069362.exe	HPE Smart Array E208i-p SR Gen10 Controller	1016.30.0.1014	1016.30.0.1014
408	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2022 and Windows Server 2025	cp069362.exe	Microchip SR932i-p Cntrl for HPE Gen10+	1016.30.0.1014	1016.30.0.1014
409	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2022 and Windows Server 2025	cp069362.exe	Microchip SR416i-a Cntrl for HPE Gen10+	1016.30.0.1014	1016.30.0.1014
410	MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10p Controllers and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 Controllers driver for Microsoft Windows 2022 edition	cp068882.exe	Broadcom MR416i-p Cntrl for HPE Gen10+	7.736.3.0	7.736.3.0
411	MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10p Controllers and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 Controllers driver for Microsoft Windows 2022 edition	cp068882.exe	Broadcom MR416i-a Cntrl for HPE Gen10+	7.736.3.0	7.736.3.0

412	MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10p Controllers and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 Controllers driver for Microsoft Windows 2022 edition	cp068882.exe	Broadcom MR216i-p Cntrl for HPE Gen10+	7.736.3.0	7.736.3.0
413	MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10p Controllers and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 Controllers driver for Microsoft Windows 2022 edition	cp068882.exe	Broadcom MR216i-a Cntrl for HPE Gen10+	7.736.3.0	7.736.3.0

6.2.6 Driver - Storage Fibre Channel and Fibre Channel over Ethernet

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
414	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp071218.exe	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	14.4.624.0 (b)	14.4.624.0
415	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp071218.exe	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	14.4.624.0 (b)	14.4.624.0
416	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp071218.exe	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	14.4.624.0 (b)	14.4.624.0
417	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp071218.exe	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	14.4.624.0 (b)	14.4.624.0
418	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp071218.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	14.4.624.0 (b)	14.4.624.0
419	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp071218.exe	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	14.4.624.0 (b)	14.4.624.0
420	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2025	cp070317.exe	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	14.4.624.1	14.4.624.1
421	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2025	cp070317.exe	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	14.4.624.1	14.4.624.1
422	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2025	cp070317.exe	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	14.4.624.1	14.4.624.1
423	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2025	cp070317.exe	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	14.4.624.1	14.4.624.1
424	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2025	cp070317.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	14.4.624.1	14.4.624.1
425	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2025	cp070317.exe	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	14.4.624.1	14.4.624.1
426	HPE Storage Fibre Channel Adapter	cp071254.exe	HPE SN1100Q 16Gb	9.4.11.20 (c)	9.4.11.20

	Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022		Dual Port Fibre Channel Host Bus Adapter		
427	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp071254.exe	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	9.4.11.20 (c)	9.4.11.20
428	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp071254.exe	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	9.4.11.20 (c)	9.4.11.20
429	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp071254.exe	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	9.4.11.20 (c)	9.4.11.20
430	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp071254.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	9.4.11.20 (c)	9.4.11.20
431	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp071254.exe	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	9.4.11.20 (c)	9.4.11.20
432	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2025	cp070602.exe	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	9.4.11.20 (c)	9.4.11.20
433	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2025	cp070602.exe	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	9.4.11.20 (c)	9.4.11.20
434	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2025	cp070602.exe	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	9.4.11.20 (c)	9.4.11.20
435	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2025	cp070602.exe	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	9.4.11.20 (c)	9.4.11.20
436	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2025	cp070602.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	9.4.11.20 (c)	9.4.11.20
437	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2025	cp070602.exe	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	9.4.11.20 (c)	9.4.11.20
438	Red Hat Enterprise Linux 9 Server Update 6 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapter	kmod-elx-lpfc-14.4.731.6-1.rhel9u6.x86_64.rpm	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	14.4.731.6	14.4.731.6-1.rhel9u6
439	Red Hat Enterprise Linux 9 Server Update 6 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapter	kmod-elx-lpfc-14.4.731.6-1.rhel9u6.x86_64.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	14.4.731.6	14.4.731.6-1.rhel9u6
440	Red Hat Enterprise Linux 9 Server Update 6 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapter	kmod-elx-lpfc-14.4.731.6-1.rhel9u6.x86_64.rpm	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	14.4.731.6	14.4.731.6-1.rhel9u6
441	Red Hat Enterprise Linux 9 Server Update 6 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapter	kmod-elx-lpfc-14.4.731.6-1.rhel9u6.x86_64.rpm	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	14.4.731.6	14.4.731.6-1.rhel9u6
442	Red Hat Enterprise Linux 9 Server Update 6 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapter	kmod-elx-lpfc-14.4.731.6-1.rhel9u6.x86_64.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus	14.4.731.6	14.4.731.6-1.rhel9u6

			Adapter		
443	Red Hat Enterprise Linux 9 Server Update 6 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapter	kmod-elx-lpfc-14.4.731.6-1.rhel9u6.x86_64.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	14.4.731.6	14.4.731.6-1.rhel9u6
444	Red Hat Enterprise Linux 9 update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.15.00_k1-1.rhel9u6.x86_64.rpm	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	10.02.15.00-k1	10.02.15.00_k1-1.rhel9u6
445	Red Hat Enterprise Linux 9 update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.15.00_k1-1.rhel9u6.x86_64.rpm	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	10.02.15.00-k1	10.02.15.00_k1-1.rhel9u6
446	Red Hat Enterprise Linux 9 update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.15.00_k1-1.rhel9u6.x86_64.rpm	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	10.02.15.00-k1	10.02.15.00_k1-1.rhel9u6
447	Red Hat Enterprise Linux 9 update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.15.00_k1-1.rhel9u6.x86_64.rpm	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	10.02.15.00-k1	10.02.15.00_k1-1.rhel9u6
448	Red Hat Enterprise Linux 9 update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.15.00_k1-1.rhel9u6.x86_64.rpm	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	10.02.15.00-k1	10.02.15.00_k1-1.rhel9u6
449	Red Hat Enterprise Linux 9 update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.15.00_k1-1.rhel9u6.x86_64.rpm	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	10.02.15.00-k1	10.02.15.00_k1-1.rhel9u6

6.2.7 Driver – System Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
450	iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2022	cp069723.exe	-	4.7.1.0 (I)	4.7.1.0
451	iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2025	cp069726.exe	-	4.7.2.0 (D)	4.7.2.0
452	iLO 5 Channel Interface Driver for Microsoft Windows Server 2022	cp069722.exe	-	4.7.1.0 (I)	4.7.1.0
453	iLO 5 Channel Interface Driver for Microsoft Windows Server 2025	cp069724.exe	-	4.7.2.0 (D)	4.7.2.0

6.2.8 Driver – Video

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
454	Matrox G200eH3 Video Controller Driver for Microsoft Windows 64-bit	cp069739.exe	-	9.15.1.268 (E)	9.15.1.268

6.2.9 Firmware – Lights-Out Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
455	Language Pack - Japanese	cp070437.exe	-	3.18	3.18.02
456	Language Pack - Japanese	firmware-ilo5-lpk-ja-ri11-3.18-1.1.x86_64.rpm	-	3.18	3.18.02
457	Online ROM Flash Component for Linux - iLO 5	firmware-ilo5-3.19-1.1.x86_64.rpm	-	3.19	3.19 Apr 07 2026
458	Online ROM Flash Component for Windows x64 - iLO 5	cp070670.exe	-	3.19	3.19 Apr 07 2026
459	Online ROM Flash Firmware Package - iLO 5	ilo5_319.fwpkg	-	3.19	3.19 Apr 07 2026

6.2.10 Firmware – Network

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
460	Broadcom Firmware Package for BCM57412 OCP3 adapter	BCM235.1.164.14_BCM957412N4120HC.fwpkg	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	235.1.164.14	235.1.164.14
461	Broadcom Firmware Package for BCM57412 adapter	BCM235.1.164.14_BCM957412A4121HC.fwpkg	BCM 57412 10GbE 2p SFP+ Adptr	235.1.164.14	235.1.164.14
462	Broadcom Firmware Package for BCM57414 OCP3 adapter	BCM235.1.164.14_BCM957414N4140HC.fwpkg	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	235.1.164.14	235.1.164.14
463	Broadcom Firmware Package for BCM57414 adapter	BCM235.1.164.14_BCM957414A4142HC.fwpkg	BCM 57414 10/25GbE 2p SFP28 Adptr	235.1.164.14	235.1.164.14
464	Broadcom Firmware Package for BCM57416 OCP3 adapter	BCM235.1.164.14_BCM957416N4160HC.fwpkg	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	235.1.164.14	235.1.164.14
465	Broadcom Firmware Package for BCM57416 adapter	BCM235.1.164.14_BCM957416A4162HC.fwpkg	BCM 57416 10GbE 2p BASE-T Adptr	235.1.164.14	235.1.164.14
466	Broadcom Firmware Package for BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter	BCM235.1.164.14_BCM957504-P425H.fwpkg	BCM 57504 10/25GbE 4p SFP28 Adptr	235.1.164.14	235.1.164.14
467	Broadcom Firmware Package for BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter	BCM235.1.164.14_BCM957504-N425H.fwpkg	BCM 57504 10/25GbE 4p SFP28 OCP3 Adptr	235.1.164.14	235.1.164.14
468	Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-bcm-open-2.42.0-1.1.x86_64.rpm	BCM 5719 1GbE 4p BASE-T LOM Adptr	2.42.0	20.35.41
469	Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-bcm-open-2.42.0-1.1.x86_64.rpm	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE	2.42.0	20.35.41
470	Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-bcm-open-2.42.0-1.1.x86_64.rpm	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE	2.42.0	20.35.41
471	Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-bcm-open-2.42.0-1.1.x86_64.rpm	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	2.42.0	20.35.41
472	Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP070621.zip	BCM 5719 1GbE 4p BASE-T LOM Adptr	1.43.0 (B)	20.35.41
473	Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP070621.zip	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE	1.43.0 (B)	20.35.41
474	Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP070621.zip	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE	1.43.0 (B)	20.35.41
475	Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP070621.zip	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	1.43.0 (B)	20.35.41
476	Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp071951.exe	BCM 5719 1GbE 4p BASE-T LOM Adptr	5.4.6.0 (B)	20.35.41
477	Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp071951.exe	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE	5.4.6.0 (B)	20.35.41

478	Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp071951.exe	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE	5.4.6.0 (B)	20.35.41
479	Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp071951.exe	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	5.4.6.0 (B)	20.35.41
480	HPE Broadcom NX1 Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen10 server series Only.	firmware-nic-bcm-2.42.0-1.1.x86_64.rpm	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	2.42.0	20.35.41
481	HPE Broadcom NX1 Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen10 server series Only.	firmware-nic-bcm-2.42.0-1.1.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	2.42.0	20.35.41
482	HPE Broadcom NX1 Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen10 server series Only.	firmware-nic-bcm-2.42.0-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	2.42.0	20.35.41
483	HPE Broadcom NX1 Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen10 server series Only.	firmware-nic-bcm-2.42.0-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	2.42.0	20.35.41
484	HPE Broadcom NX1 Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen10 server series Only.	firmware-nic-bcm-2.42.0-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	2.42.0	20.35.41
485	HPE Broadcom NX1 Online Firmware Upgrade Utility VMware for HPE ProLiant Gen10 server series Only.	CP070620.zip	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	1.43.0 (B)	20.35.41
486	HPE Broadcom NX1 Online Firmware Upgrade Utility VMware for HPE ProLiant Gen10 server series Only.	CP070620.zip	HP Ethernet 1Gb 2-port 332T Adapter	1.43.0 (B)	20.35.41
487	HPE Broadcom NX1 Online Firmware Upgrade Utility VMware for HPE ProLiant Gen10 server series Only.	CP070620.zip	HP Ethernet 1Gb 4-port 331FLR Adapter	1.43.0 (B)	20.35.41
488	HPE Broadcom NX1 Online Firmware Upgrade Utility VMware for HPE ProLiant Gen10 server series Only.	CP070620.zip	HP Ethernet 1Gb 4-port 331T Adapter	1.43.0 (B)	20.35.41
489	HPE Broadcom NX1 Online Firmware Upgrade Utility VMware for HPE ProLiant Gen10 server series Only.	CP070620.zip	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	1.43.0 (B)	20.35.41
490	HPE Broadcom NX1 Online Firmware Upgrade Utility Windows Server x64 Editions for HPE ProLiant Gen10 server series Only	cp069007.exe	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	5.4.6.0	20.35.41
491	HPE Broadcom NX1 Online Firmware Upgrade Utility Windows Server x64 Editions for HPE ProLiant Gen10 server series Only	cp069007.exe	HP Ethernet 1Gb 2-port 332T Adapter	5.4.6.0	20.35.41
492	HPE Broadcom NX1 Online Firmware Upgrade Utility Windows Server x64 Editions for HPE ProLiant Gen10 server series Only	cp069007.exe	HP Ethernet 1Gb 4-port 331FLR Adapter	5.4.6.0	20.35.41
493	HPE Broadcom NX1 Online Firmware Upgrade Utility Windows Server x64 Editions for HPE ProLiant Gen10 server series Only	cp069007.exe	HP Ethernet 1Gb 4-port 331T Adapter	5.4.6.0	20.35.41
494	HPE Broadcom NX1 Online Firmware Upgrade Utility Windows Server x64 Editions for HPE ProLiant Gen10 server series Only	cp069007.exe	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	5.4.6.0	20.35.41
495	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm235.1.164014.Optimized.fwpkg	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	235.1.164014	235.1.164014
496	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x	bcm235.1.164014.Optimized.fwpkg	HPE Ethernet 10/25Gb 2-port	235.1.164014	235.1.164014

	adapters		631SFP28 Adapter		
497	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm235.1.164014.Optimized.fwpkg	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	235.1.164014	235.1.164014
498	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm235.1.164014.Optimized.fwpkg	HPE Ethernet 10Gb 2-port 535T Adapter	235.1.164014	235.1.164014
499	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm235.1.164014.Optimized.fwpkg	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	235.1.164014	235.1.164014
500	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm235.1.164014.Optimized.fwpkg	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	235.1.164014	235.1.164014
501	HPE Intel Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen9 and Gen10 server series Only.	firmware-nic-intel-1.37.0-1.1.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	1.37.0	1.3911.0
502	HPE Intel Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen9 and Gen10 server series Only.	firmware-nic-intel-1.37.0-1.1.x86_64.rpm	HPE Ethernet 1Gb 2-port 361T Adapter	1.37.0	1.3911.0
503	HPE Intel Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen9 and Gen10 server series Only.	firmware-nic-intel-1.37.0-1.1.x86_64.rpm	HPE Ethernet 1Gb 4-port 366FLR Adapter	1.37.0	1.3911.0
504	HPE Intel Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen9 and Gen10 server series Only.	firmware-nic-intel-1.37.0-1.1.x86_64.rpm	HPE Ethernet 1Gb 4-port 366T Adapter	1.37.0	1.3911.0
505	HPE Intel Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen9 and Gen10 server series Only.	firmware-nic-intel-1.37.0-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.37.0	11.1.7
506	HPE Intel Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen9 and Gen10 server series Only.	firmware-nic-intel-1.37.0-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	1.37.0	10.55.3
507	HPE Intel Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen9 and Gen10 server series Only.	firmware-nic-intel-1.37.0-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.37.0	11.1.7
508	HPE Intel Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen9 and Gen10 server series Only.	firmware-nic-intel-1.37.0-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	1.37.0	10.55.3
509	HPE Intel Online Firmware Upgrade Utility Linux x86_64 for HPE ProLiant Gen9 and Gen10 server series Only.	firmware-nic-intel-1.37.0-1.1.x86_64.rpm	HPE Ethernet 1Gb 2-port 361i Adapter	1.37.0	1.3911.0
510	HPE Intel Online Firmware Upgrade Utility VMware for HPE ProLiant Gen9 and Gen10 server series Only.	CP070388.zip	HPE Ethernet 1Gb 4-port 369i Adapter	3.30.0	1.3911.0
511	HPE Intel Online Firmware Upgrade Utility VMware for HPE ProLiant Gen9 and Gen10 server series Only.	CP070388.zip	HPE Ethernet 1Gb 2-port 361T Adapter	3.30.0	1.3911.0
512	HPE Intel Online Firmware Upgrade Utility VMware for HPE ProLiant Gen9 and Gen10 server series Only.	CP070388.zip	HPE Ethernet 1Gb 4-port 366FLR Adapter	3.30.0	1.3911.0
513	HPE Intel Online Firmware Upgrade Utility VMware for HPE ProLiant Gen9 and Gen10 server series Only.	CP070388.zip	HPE Ethernet 1Gb 4-port 366T Adapter	3.30.0	1.3911.0
514	HPE Intel Online Firmware Upgrade Utility VMware for HPE ProLiant Gen9 and Gen10 server series Only.	CP070388.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	3.30.0	11.1.7
515	HPE Intel Online Firmware Upgrade Utility VMware for HPE ProLiant Gen9 and Gen10 server series Only.	CP070388.zip	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	3.30.0	10.55.3
516	HPE Intel Online Firmware Upgrade Utility VMware for HPE ProLiant Gen9 and Gen10 server series Only.	CP070388.zip	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	3.30.0	11.1.7
517	HPE Intel Online Firmware Upgrade Utility VMware for HPE ProLiant Gen9 and Gen10 server series Only.	CP070388.zip	HPE Ethernet 10Gb 2-port 562T Adapter	3.30.0	10.55.3
518	HPE Intel Online Firmware Upgrade Utility VMware for HPE ProLiant Gen9	CP070388.zip	HPE Ethernet 1Gb 2-port 361i Adapter	3.30.0	1.3911.0

	and Gen10 server series Only.				
519	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions for HPE ProLiant Gen9 and Gen10 server series Only.	cp070389.exe	HPE Ethernet 1Gb 4-port 369i Adapter	5.4.8.0	1.3911.0
520	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions for HPE ProLiant Gen9 and Gen10 server series Only.	cp070389.exe	HPE Ethernet 1Gb 2-port 361T Adapter	5.4.8.0	1.3911.0
521	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions for HPE ProLiant Gen9 and Gen10 server series Only.	cp070389.exe	HPE Ethernet 1Gb 4-port 366FLR Adapter	5.4.8.0	1.3911.0
522	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions for HPE ProLiant Gen9 and Gen10 server series Only.	cp070389.exe	HPE Ethernet 1Gb 4-port 366T Adapter	5.4.8.0	1.3911.0
523	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions for HPE ProLiant Gen9 and Gen10 server series Only.	cp070389.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	5.4.8.0	11.1.7
524	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions for HPE ProLiant Gen9 and Gen10 server series Only.	cp070389.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.4.8.0	10.55.3
525	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions for HPE ProLiant Gen9 and Gen10 server series Only.	cp070389.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	5.4.8.0	11.1.7
526	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions for HPE ProLiant Gen9 and Gen10 server series Only.	cp070389.exe	HPE Ethernet 10Gb 2-port 562T Adapter	5.4.8.0	10.55.3
527	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions for HPE ProLiant Gen9 and Gen10 server series Only.	cp070389.exe	HPE Ethernet 1Gb 2-port 361i Adapter	5.4.8.0	1.3911.0
528	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 (C)	8.65.23
529	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
530	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
531	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
532	HPE QLogic NX2 Online Firmware Upgrade Utility for VMware	CP070394.zip	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	1.37.0 (B)	7.19.27
533	HPE QLogic NX2 Online Firmware Upgrade Utility for VMware	CP070394.zip	HPE Ethernet 10Gb 2-port 530T Adapter	1.37.0 (B)	7.19.27
534	HPE QLogic NX2 Online Firmware Upgrade Utility for VMware	CP070394.zip	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	1.37.0 (B)	7.19.27
535	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp069565.exe	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	5.3.9.0 (C)	7.19.27
536	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp069565.exe	HPE Ethernet 10Gb 2-port 530T Adapter	5.3.9.0 (C)	7.19.27
537	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server	cp069565.exe	HPE FlexFabric 10Gb 2-port	5.3.9.0 (C)	7.19.27

	x64 Editions		533FLR-T Adapter		
538	Intel Firmware Package For E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter	HPE_E810_CQDA2_4p91_PLDMoMCTP_800214AF.fwpkg	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	4.91	4.91
539	Intel Firmware Package For E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter	HPE_E810_CQDA2_OCP_4p91_NCSlwPLDMoMCTP_800214AD.fwpkg	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	4.91	4.91
540	Intel Firmware Package For E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter	HPE_E810_XXVDA2_SD_4p91_PLDMoMCTP_800214AB.fwpkg	Intel E810-XXVDA2 adapter	4.91	4.91
541	Intel Firmware Package For E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter	HPE_E810_XXVDA2_SD_OCP_4p91_NCSlwPLDMoMCTP_800214B2.fwpkg	Intel E810-XXVDA2 OCP3 adapter	4.91	4.91
542	Intel Firmware Package For E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter	HPE_E810_XXVDA4_FH_4p91_PLDMoMCTP_800214B3.fwpkg	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	4.91	4.91
543	Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-is-intel-1.3.6.0-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	1.36.0	1.3909.0
544	Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-is-intel-1.3.6.0-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	1.36.0	1.3909.0
545	Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-is-intel-1.3.6.0-1.1.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	1.36.0	1.3909.0
546	Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-is-intel-1.3.6.0-1.1.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	1.36.0	1.3909.0
547	Intel Online Firmware Upgrade Utility for VMware	CP070391.zip	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	3.29.0	1.3909.0
548	Intel Online Firmware Upgrade Utility for VMware	CP070391.zip	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	3.29.0	1.3909.0
549	Intel Online Firmware Upgrade Utility for VMware	CP070391.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	3.29.0	1.3909.0
550	Intel Online Firmware Upgrade Utility for VMware	CP070391.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	3.29.0	1.3909.0
551	Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp070392.exe	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	5.4.7.0	1.3909.0
552	Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp070392.exe	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	5.4.7.0	1.3909.0
553	Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp070392.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	5.4.7.0	1.3909.0
554	Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp070392.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	5.4.7.0	1.3909.0
555	NVIDIA Firmware Package (FWPKG) - Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28	26_48_1000-MCX631102AS-ADA_Ax.pldm.fwpkg	MLX MCX631102 10/25GbE 2p SFP28 Adptr	26.48.1000	26.48.1000

	Adapter for HPE				
556	NVIDIA Firmware Package (FWPKG) - Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	26_48_1000-MCX631432AS-ADA_Ax.pldm.fwpkg	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	26.48.1000	26.48.1000
557	NVIDIA 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_8002-MCX515A-CCA_HPE_Ax.pldm.fwpkg	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	16.35.8002	16.35.8002
558	NVIDIA 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_8004-MCX653106A-ECA_HPE_Ax.pldm.fwpkg	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	20.43.8004	20.43.8004
559	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_48_1000-MCX75310AAS-HEAT_HPE2_Ax.pldm.fwpkg	HPE IB NDR200/EN 200G 1p OSFP Adptr	28.48.1000	28.48.1000
560	NVIDIA Firmware Package (FWPKG) for Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	16_35_8002-MCX562A-ACA_Ax_Bx.pldm.fwpkg	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	16.35.8002	16.35.8002
561	NVIDIA Firmware Package (FWPKG) for Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE	22_48_1000-MCX623106AS-CDA_Ax.pldm.fwpkg	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	22.48.1000	22.48.1000
562	NVIDIA Firmware Package(FWPKG) for HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACHT Adapter	16_35_8002-MCX512F-ACH_Ax_Bx.pldm.fwpkg	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	16.35.8002	16.35.8002
563	Online Firmware Upgrade Utility (ESXi 8.0) for HPE Mellanox Ethernet only adapters	CP069157.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.7	14.32.1908
564	Online Firmware Upgrade Utility (ESXi 8.0) for HPE Mellanox Ethernet only adapters	CP069157.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.7	14.32.1908
565	Online Firmware Upgrade Utility (ESXi 8.0) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 8.0	CP069161.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.6	16.35.8002
566	Online Firmware Upgrade Utility (ESXi 8.0) for HPE NVIDIA VPI (Ethernet and Infiniband mode) ConnectX6 devices on VMware ESXi 8.0	CP071677.zip	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	1.0.10	20.43.8004
567	Online Firmware Upgrade Utility (ESXi 9.x) for HPE Mellanox Ethernet only adapters	CP071008.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.2 (A)	14.32.1908
568	Online Firmware Upgrade Utility (ESXi 9.x) for HPE Mellanox Ethernet only adapters	CP071008.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.2 (A)	14.32.1908
569	Online Firmware Upgrade Utility (ESXi 9.x) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 9.x	CP070914.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.2 (A)	16.35.8002
570	Online Firmware Upgrade Utility (ESXi 9.x) for HPE NVIDIA VPI (Ethernet and	CP071676.zip	HPE InfiniBand HDR100/Ethernet	1.0.4	20.43.8004

	Infiniband mode) ConnectX6 devices on VMware ESXi 9.x		100Gb 2-port 940QSFP56 x16 Adapter		
571	Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox Ethernet only adapters	firmware-nic-mellanox-ethernet-only-1.0.24-1.1.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.24	14.32.1908
572	Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox Ethernet only adapters	firmware-nic-mellanox-ethernet-only-1.0.24-1.1.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.24	14.32.1908
573	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-connectx4-1.0.19-1.1.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.19	16.35.8002
574	Online Firmware Upgrade Utility (Linux x86_64) for HPE NVIDIA VPI (Ethernet and Infiniband mode) ConnectX6 devices on Linux x86_64 platform	firmware-hca-mellanox-vpi-connectx6-mft-1.0.20-1.1.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	1.0.20	20.43.8004
575	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox Ethernet only adapters	cp069155.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.0.24	14.32.1908
576	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox Ethernet only adapters	cp069155.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.0.24	14.32.1908
577	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Windows x86_64 platform	cp069158.exe	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.0.18	16.35.8002
578	Online Firmware Upgrade Utility (Windows x64) for HPE NVIDIA VPI (Ethernet and Infiniband mode) ConnectX6 devices on Windows x86_64 platform	cp071675.exe	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	1.0.0.16	20.43.8004

6.2.11 Firmware - PCIe NVMe Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
579	Universal Firmware Package for Drives - VR000480KXNXXE,VR000960KXNZU and VS001920KXNXF	Micron_7450_M7450AL LHPK4.fwpkg	VR000480KXNXXE	HPK4	HPK4
580	Universal Firmware Package for Drives - VR000480KXNXXE,VR000960KXNZU and VS001920KXNXF	Micron_7450_M7450AL LHPK4.fwpkg	VR000960KXNZU	HPK4	HPK4
581	Universal Firmware Package for Drives - VR000480KXNXXE,VR000960KXNZU and VS001920KXNXF	Micron_7450_M7450AL LHPK4.fwpkg	VS001920KXNXF	HPK4	HPK4
582	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd 3b-GPK8-4.1.x86_64.rpm	KCD6XLUL7T68	GPK8 (D)	GPK8
583	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd 3b-GPK8-4.1.x86_64.rpm	KCD6XVUL6T40	GPK8 (D)	GPK8
584	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20,	firmware-hdd-6fc985bd 3b-GPK8-4.1.x86_64.rpm	KCD6XVUL1T60	GPK8 (D)	GPK8

	KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives				
585	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK8-4.1.x86_64.rpm	KCD6XVUL800G	GPK8 (D)	GPK8
586	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK8-4.1.x86_64.rpm	KCD6XVUL3T20	GPK8 (D)	GPK8
587	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK8-4.1.x86_64.rpm	KCD6XLUL960G	GPK8 (D)	GPK8
588	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK8-4.1.x86_64.rpm	KCD6XLUL1T92	GPK8 (D)	GPK8
589	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK8-4.1.x86_64.rpm	KCD6XLUL3T84	GPK8 (D)	GPK8
590	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK8-4.1.x86_64.rpm	KCD6XVUL12T8	GPK8 (D)	GPK8
591	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK8-4.1.x86_64.rpm	KCD6XLUL15T3	GPK8 (D)	GPK8
592	Online NVMe SSD Flash Component for Linux (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	firmware-hdd-1a541ed00d-GPK6-4.1.x86_64.rpm	KCM6FRUL1T92	GPK6 (D)	GPK6
593	Online NVMe SSD Flash Component for Linux (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	firmware-hdd-1a541ed00d-GPK6-4.1.x86_64.rpm	KCM6FRUL3T84	GPK6 (D)	GPK6
594	Online NVMe SSD Flash Component for Linux (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	firmware-hdd-1a541ed00d-GPK6-4.1.x86_64.rpm	KCM6FVUL3T20	GPK6 (D)	GPK6
595	Online NVMe SSD Flash Component	firmware-hdd-1a541ed	KCM6FVUL1T60	GPK6 (D)	GPK6

	for Linux (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	00d-GPK6-4.1.x86_64.rpm			
596	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK8-4.1.x86_64.rpm	KCM6XRUL960G	GPK8 (D)	GPK8
597	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK8-4.1.x86_64.rpm	KCM6XRUL7T68	GPK8 (D)	GPK8
598	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK8-4.1.x86_64.rpm	KCM6XRUL1T92	GPK8 (D)	GPK8
599	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK8-4.1.x86_64.rpm	KCM6XVUL3T20	GPK8 (D)	GPK8
600	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK8-4.1.x86_64.rpm	KCM6XRUL3T84	GPK8 (D)	GPK8
601	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK8-4.1.x86_64.rpm	KCM6XVUL800G	GPK8 (D)	GPK8
602	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK8-4.1.x86_64.rpm	KCM6XVUL6T40	GPK8 (D)	GPK8
603	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK8-4.1.x86_64.rpm	KCM6XVUL1T60	GPK8 (D)	GPK8
604	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK4-3.1.x86_64.rpm	VK007680KWWFQ	HPK4 (C)	HPK4
605	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP	firmware-hdd-54addf5312-HPK4-3.1.x86_64.rpm	MK006400KWWFK	HPK4 (C)	HPK4

	and VK007680KWWFQ Drives				
606	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK4-3.1.x86_64.rpm	VK003840KWWFP	HPK4 (C)	HPK4
607	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK4-3.1.x86_64.rpm	MK003200KWWFH	HPK4 (C)	HPK4
608	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK4-3.1.x86_64.rpm	VK001920KWWFN	HPK4 (C)	HPK4
609	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK4-3.1.x86_64.rpm	MK001600KWWFF	HPK4 (C)	HPK4
610	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK4-3.1.x86_64.rpm	VK000960KWWFL	HPK4 (C)	HPK4
611	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK4-3.1.x86_64.rpm	MK00800KWWFE	HPK4 (C)	HPK4
612	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-6.1.x86_64.rpm	MZXL515THALA-000H3	MPK78H5Q (F)	MPK78H5Q
613	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3,	firmware-hdd-e320db791d-MPK78H5Q-6.1.x86_64.rpm	MZXL512THALA-000H3	MPK78H5Q (F)	MPK78H5Q

	MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv				
614	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-e320db7 91d-MPK78H5Q-6.1.x8 6_64.rpm	MZXL57T6HALA-00 0H3	MPK78H5Q (F)	MPK78H5Q
615	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-e320db7 91d-MPK78H5Q-6.1.x8 6_64.rpm	MZXL56T4HALA-00 0H3	MPK78H5Q (F)	MPK78H5Q
616	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-e320db7 91d-MPK78H5Q-6.1.x8 6_64.rpm	MZXL53T8HBLS-000 H3	MPK78H5Q (F)	MPK78H5Q
617	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-e320db7 91d-MPK78H5Q-6.1.x8 6_64.rpm	MZXL53T2HBLS-000 H3	MPK78H5Q (F)	MPK78H5Q
618	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	firmware-hdd-e320db7 91d-MPK78H5Q-6.1.x8 6_64.rpm	MZXL51T9HBJR-000 H3	MPK78H5Q (F)	MPK78H5Q

	MZXL515THALA-00H3 Driv				
619	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-6.1.x86_64.rpm	MZXL51T6HBJR-000H3	MPK78H5Q (F)	MPK78H5Q
620	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-6.1.x86_64.rpm	MZXL5960HBHQ-000H3	MPK78H5Q (F)	MPK78H5Q
621	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-6.1.x86_64.rpm	MZXL5800HBHQ-000H3	MPK78H5Q (F)	MPK78H5Q
622	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK5-11.1.x86_64.rpm	VO000960KXAVL	HPK5 (K)	HPK5
623	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK5-11.1.x86_64.rpm	MO000800KXAVN	HPK5 (K)	HPK5
624	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK5-11.1.x86_64.rpm	MO001600KXAVT	HPK5 (K)	HPK5
625	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK5-11.1.x86_64.rpm	MO003200KXAVU	HPK5 (K)	HPK5
626	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU	firmware-hdd-035a863453-HPK5-11.1.x86_64.rpm	MO006400KXAVV	HPK5 (K)	HPK5

	and MO006400KXAVV Drives				
627	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK5-11.1.x86_64.rpm	VO003840KXAVQ	HPK5 (K)	HPK5
628	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK5-11.1.x86_64.rpm	VO007680KXAVR	HPK5 (K)	HPK5
629	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK5-11.1.x86_64.rpm	VO001920KXAVP	HPK5 (K)	HPK5
630	Online NVMe SSD Flash Component for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	firmware-hdd-a27c95663d-HPK6-5.1.x86_64.rpm	MO001600KYDMU	HPK6 (E)	HPK6
631	Online NVMe SSD Flash Component for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	firmware-hdd-a27c95663d-HPK6-5.1.x86_64.rpm	MO006400KYDND	HPK6 (E)	HPK6
632	Online NVMe SSD Flash Component for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	firmware-hdd-a27c95663d-HPK6-5.1.x86_64.rpm	VO015360KYDNB	HPK6 (E)	HPK6
633	Online NVMe SSD Flash Component for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	firmware-hdd-a27c95663d-HPK6-5.1.x86_64.rpm	VO007680KYDNA	HPK6 (E)	HPK6
634	Online NVMe SSD Flash Component for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	firmware-hdd-a27c95663d-HPK6-5.1.x86_64.rpm	MO003200KYDNC	HPK6 (E)	HPK6
635	Online NVMe SSD Flash Component for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	firmware-hdd-a27c95663d-HPK6-5.1.x86_64.rpm	VO001920KYDMT	HPK6 (E)	HPK6
636	Online NVMe SSD Flash Component for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND,	firmware-hdd-a27c95663d-HPK6-5.1.x86_64.rpm	VO003840KYDMV	HPK6 (E)	HPK6

	VO007680KYDNA and VO015360KYDNB Drives				
637	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd-92d876cf ea-4ICRHPK3-15.1.x86_ 64.rpm	VO002000KWVVC	4ICRHPK3 (O)	4ICRHPK3
638	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd-92d876cf ea-4ICRHPK3-15.1.x86_ 64.rpm	VO004000KWVUR	4ICRHPK3 (O)	4ICRHPK3
639	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd-92d876cf ea-4ICRHPK3-15.1.x86_ 64.rpm	MO001600KWVUU	4ICRHPK3 (O)	4ICRHPK3
640	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd-92d876cf ea-4ICRHPK3-15.1.x86_ 64.rpm	MO003200KWVUV	4ICRHPK3 (O)	4ICRHPK3
641	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd-92d876cf ea-4ICRHPK3-15.1.x86_ 64.rpm	MO006400KWVVA	4ICRHPK3 (O)	4ICRHPK3
642	Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN Drives	firmware-hdd-805abb7 e9c-85032G00-13.1.x86_ 64.rpm	VS003840KWXFQ	85032G00 (M)	85032G00
643	Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN Drives	firmware-hdd-805abb7 e9c-85032G00-13.1.x86_ 64.rpm	VS001920KWXFP	85032G00 (M)	85032G00
644	Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN Drives	firmware-hdd-805abb7 e9c-85032G00-13.1.x86_ 64.rpm	VS000960KWXFN	85032G00 (M)	85032G00
645	Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN Drives	firmware-hdd-805abb7 e9c-85032G00-13.1.x86_ 64.rpm	VS000480KXALB	85032G00 (M)	85032G00
646	Online NVMe SSD Flash Component for Linux (x64) -MZXL800HBHQ-000H3, MZXL1T6HBJR-000H3, MZXL3T2HBLS-000H3, MZXL6T4HALA-000H3, MZXL12THALA-000H3, MZXL960HBHQ-000H3, MZXL1T9HBJR-000H3, MZXL3T8HBLS-000H3, MZXL7T6HALA-000H3 and MZXL15THALA-000H3 Driv	firmware-hdd-951aefd6 3e-MPK7825Q-6.1.x86_ 64.rpm	MZXL12THALA-00 0H3	MPK7825Q (F)	MPK7825Q
647	Online NVMe SSD Flash Component for Linux (x64) -MZXL800HBHQ-000H3, MZXL1T6HBJR-000H3, MZXL3T2HBLS-000H3, MZXL6T4HALA-000H3,	firmware-hdd-951aefd6 3e-MPK7825Q-6.1.x86_ 64.rpm	MZXL15THALA-00 0H3	MPK7825Q (F)	MPK7825Q

	MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv				
648	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-951aefd6 3e-MPK7825Q-6.1.x86_ 64.rpm	MZXLR7T6HALA-00 0H3	MPK7825Q (F)	MPK7825Q
649	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-951aefd6 3e-MPK7825Q-6.1.x86_ 64.rpm	MZXLR1T6HBJR-000 H3	MPK7825Q (F)	MPK7825Q
650	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-951aefd6 3e-MPK7825Q-6.1.x86_ 64.rpm	MZXLR800HBHQ-00 0H3	MPK7825Q (F)	MPK7825Q
651	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-951aefd6 3e-MPK7825Q-6.1.x86_ 64.rpm	MZXLR3T2HBLS-000 H3	MPK7825Q (F)	MPK7825Q
652	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-951aefd6 3e-MPK7825Q-6.1.x86_ 64.rpm	MZXLR6T4HALA-00 0H3	MPK7825Q (F)	MPK7825Q

653	Online NVMe SSD Flash Component for Linux (x64) -MZXL800HBHQ-000H3, MZXL1T6HBJR-000H3, MZXL3T2HBLS-000H3, MZXL6T4HALA-000H3, MZXL12THALA-000H3, MZXL960HBHQ-000H3, MZXL1T9HBJR-000H3, MZXL3T8HBLS-000H3, MZXL7T6HALA-000H3 and MZXL15THALA-000H3 Driv	firmware-hdd-951aefd6 3e-MPK7825Q-6.1.x86_ 64.rpm	MZXL1T9HBJR-000 H3	MPK7825Q (F)	MPK7825Q
654	Online NVMe SSD Flash Component for Linux (x64) -MZXL800HBHQ-000H3, MZXL1T6HBJR-000H3, MZXL3T2HBLS-000H3, MZXL6T4HALA-000H3, MZXL12THALA-000H3, MZXL960HBHQ-000H3, MZXL1T9HBJR-000H3, MZXL3T8HBLS-000H3, MZXL7T6HALA-000H3 and MZXL15THALA-000H3 Driv	firmware-hdd-951aefd6 3e-MPK7825Q-6.1.x86_ 64.rpm	MZXL3T8HBLS-000 H3	MPK7825Q (F)	MPK7825Q
655	Online NVMe SSD Flash Component for Linux (x64) -MZXL800HBHQ-000H3, MZXL1T6HBJR-000H3, MZXL3T2HBLS-000H3, MZXL6T4HALA-000H3, MZXL12THALA-000H3, MZXL960HBHQ-000H3, MZXL1T9HBJR-000H3, MZXL3T8HBLS-000H3, MZXL7T6HALA-000H3 and MZXL15THALA-000H3 Driv	firmware-hdd-951aefd6 3e-MPK7825Q-6.1.x86_ 64.rpm	MZXL960HBHQ-00 0H3	MPK7825Q (F)	MPK7825Q
656	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP070925.zip	KCD6XLUL7T68	GPK8 (B)	GPK8
657	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP070925.zip	KCD6XVUL6T40	GPK8 (B)	GPK8
658	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP070925.zip	KCD6XVUL1T60	GPK8 (B)	GPK8
659	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP070925.zip	KCD6XVUL800G	GPK8 (B)	GPK8
660	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G,	CP070925.zip	KCD6XVUL3T20	GPK8 (B)	GPK8

	KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives				
661	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP070925.zip	KCD6XVUL12T8	GPK8 (B)	GPK8
662	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP070925.zip	KCD6XLUL960G	GPK8 (B)	GPK8
663	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP070925.zip	KCD6XLUL1T92	GPK8 (B)	GPK8
664	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP070925.zip	KCD6XLUL3T84	GPK8 (B)	GPK8
665	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP070925.zip	KCD6XLUL15T3	GPK8 (B)	GPK8
666	Online NVMe SSD Flash Component for VMware ESXi - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	CP070930.zip	KCM6FRUL1T92	GPK6 (B)	GPK6
667	Online NVMe SSD Flash Component for VMware ESXi - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	CP070930.zip	KCM6FRUL3T84	GPK6 (B)	GPK6
668	Online NVMe SSD Flash Component for VMware ESXi - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	CP070930.zip	KCM6FVUL3T20	GPK6 (B)	GPK6
669	Online NVMe SSD Flash Component for VMware ESXi - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	CP070930.zip	KCM6FVUL1T60	GPK6 (B)	GPK6
670	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP070924.zip	KCM6XRUL960G	GPK8 (B)	GPK8
671	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G,	CP070924.zip	KCM6XRUL7T68	GPK8 (B)	GPK8

	KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives				
672	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP070924.zip	KCM6XRUL1T92	GPK8 (B)	GPK8
673	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP070924.zip	KCM6XVUL3T20	GPK8 (B)	GPK8
674	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP070924.zip	KCM6XRUL3T84	GPK8 (B)	GPK8
675	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP070924.zip	KCM6XVUL800G	GPK8 (B)	GPK8
676	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP070924.zip	KCM6XVUL6T40	GPK8 (B)	GPK8
677	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP070924.zip	KCM6XVUL1T60	GPK8 (B)	GPK8
678	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP070903.zip	VK007680KWWFQ	HPK4 (B)	HPK4
679	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP070903.zip	MK006400KWWFK	HPK4 (B)	HPK4
680	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP070903.zip	VK003840KWWFP	HPK4 (B)	HPK4
681	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH,	CP070903.zip	MK003200KWWFH	HPK4 (B)	HPK4

	MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives				
682	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP070903.zip	VK001920KWWFN	HPK4 (B)	HPK4
683	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP070903.zip	MK001600KWWFF	HPK4 (B)	HPK4
684	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP070903.zip	VK000960KWWFL	HPK4 (B)	HPK4
685	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP070903.zip	MK00800KWWFE	HPK4 (B)	HPK4
686	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	CP070911.zip	MZXL515THALA-00 0H3	MPK78H5Q (C)	MPK78H5Q
687	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	CP070911.zip	MZXL512THALA-00 0H3	MPK78H5Q (C)	MPK78H5Q
688	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3,	CP070911.zip	MZXL57T6HALA-00 0H3	MPK78H5Q (C)	MPK78H5Q

	MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv				
689	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	CP070911.zip	MZXL56T4HALA-00 0H3	MPK78H5Q (C)	MPK78H5Q
690	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	CP070911.zip	MZXL53T8HBLS-000 H3	MPK78H5Q (C)	MPK78H5Q
691	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	CP070911.zip	MZXL53T2HBLS-000 H3	MPK78H5Q (C)	MPK78H5Q
692	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	CP070911.zip	MZXL51T6HBJR-000 H3	MPK78H5Q (C)	MPK78H5Q
693	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	CP070911.zip	MZXL5800HBHQ-00 0H3	MPK78H5Q (C)	MPK78H5Q

694	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-000H3 Driv	CP070911.zip	MZXL51T9HBJR-000H3	MPK78H5Q (C)	MPK78H5Q
695	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-000H3 Driv	CP070911.zip	MZXL5960HBHQ-000H3	MPK78H5Q (C)	MPK78H5Q
696	Online NVMe SSD Flash Component for VMware ESXi - MZXL800HBHQ-000H3, MZXL1T6HBJR-000H3, MZXL3T2HBLS-000H3, MZXL6T4HALA-000H3, MZXL12THALA-000H3, MZXL960HBHQ-000H3, MZXL1T9HBJR-000H3, MZXL3T8HBLS-000H3, MZXL7T6HALA-000H3 and MZXL15THALA-000H3 Driv	CP070917.zip	MZXL12THALA-000H3	MPK7825Q (C)	MPK7825Q
697	Online NVMe SSD Flash Component for VMware ESXi - MZXL800HBHQ-000H3, MZXL1T6HBJR-000H3, MZXL3T2HBLS-000H3, MZXL6T4HALA-000H3, MZXL12THALA-000H3, MZXL960HBHQ-000H3, MZXL1T9HBJR-000H3, MZXL3T8HBLS-000H3, MZXL7T6HALA-000H3 and MZXL15THALA-000H3 Driv	CP070917.zip	MZXL15THALA-000H3	MPK7825Q (C)	MPK7825Q
698	Online NVMe SSD Flash Component for VMware ESXi - MZXL800HBHQ-000H3, MZXL1T6HBJR-000H3, MZXL3T2HBLS-000H3, MZXL6T4HALA-000H3, MZXL12THALA-000H3, MZXL960HBHQ-000H3, MZXL1T9HBJR-000H3, MZXL3T8HBLS-000H3, MZXL7T6HALA-000H3 and MZXL15THALA-000H3 Driv	CP070917.zip	MZXL7T6HALA-000H3	MPK7825Q (C)	MPK7825Q
699	Online NVMe SSD Flash Component for VMware ESXi - MZXL800HBHQ-000H3, MZXL1T6HBJR-000H3, MZXL3T2HBLS-000H3, MZXL6T4HALA-000H3,	CP070917.zip	MZXL1T6HBJR-000H3	MPK7825Q (C)	MPK7825Q

	MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv				
700	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	CP070917.zip	MZXLR800HBHQ-000H3	MPK7825Q (C)	MPK7825Q
701	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	CP070917.zip	MZXLR3T2HBLS-000H3	MPK7825Q (C)	MPK7825Q
702	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	CP070917.zip	MZXLR6T4HALA-000H3	MPK7825Q (C)	MPK7825Q
703	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	CP070917.zip	MZXLR1T9HBJR-000H3	MPK7825Q (C)	MPK7825Q
704	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	CP070917.zip	MZXLR3T8HBLS-000H3	MPK7825Q (C)	MPK7825Q

705	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	CP070917.zip	MZXLR960HBHQ-000H3	MPK7825Q (C)	MPK7825Q
706	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP070907.zip	VO000960KXAVL	HPK5 (F)	HPK5
707	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP070907.zip	MO000800KXAVN	HPK5 (F)	HPK5
708	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP070907.zip	MO001600KXAVT	HPK5 (F)	HPK5
709	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP070907.zip	MO003200KXAVU	HPK5 (F)	HPK5
710	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP070907.zip	MO006400KXAVV	HPK5 (F)	HPK5
711	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP070907.zip	VO003840KXAVQ	HPK5 (F)	HPK5
712	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP070907.zip	VO007680KXAVR	HPK5 (F)	HPK5
713	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP070907.zip	VO001920KXAVP	HPK5 (F)	HPK5
714	Online NVMe SSD Flash Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and	CP070921.zip	VO001920KYDMT	HPK6 (C)	HPK6

	VO015360KYDNB Drives				
715	Online NVMe SSD Flash Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	CP070921.zip	VO003840KYDMV	HPK6 (C)	HPK6
716	Online NVMe SSD Flash Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	CP070921.zip	MO001600KYDMU	HPK6 (C)	HPK6
717	Online NVMe SSD Flash Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	CP070921.zip	MO006400KYDND	HPK6 (C)	HPK6
718	Online NVMe SSD Flash Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	CP070921.zip	VO015360KYDNB	HPK6 (C)	HPK6
719	Online NVMe SSD Flash Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	CP070921.zip	VO007680KYDNA	HPK6 (C)	HPK6
720	Online NVMe SSD Flash Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	CP070921.zip	MO003200KYDNC	HPK6 (C)	HPK6
721	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP070837.zip	MO006400KWVVA	4ICRHPK3 (I)	4ICRHPK3
722	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP070837.zip	VO004000KWVUR	4ICRHPK3 (I)	4ICRHPK3
723	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP070837.zip	MO003200KWVUV	4ICRHPK3 (I)	4ICRHPK3
724	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and	CP070837.zip	VO002000KWVVC	4ICRHPK3 (I)	4ICRHPK3

	MO006400KWVVA Drives				
725	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP070837.zip	MO001600KWVUU	4ICRHPK3 (I)	4ICRHPK3
726	Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWXFP and VS003840KWXFQ Drives	CP070908.zip	VS003840KWXFQ	85032G00 (G)	85032G00
727	Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWXFP and VS003840KWXFQ Drives	CP070908.zip	VS001920KWXFP	85032G00 (G)	85032G00
728	Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWXFP and VS003840KWXFQ Drives	CP070908.zip	VS000960KWXFN	85032G00 (G)	85032G00
729	Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWXFP and VS003840KWXFQ Drives	CP070908.zip	VS000480KXALB	85032G00 (G)	85032G00
730	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp068645.exe	KCD6XLUL7T68	GPK8 (B)	GPK8
731	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp068645.exe	KCD6XVUL6T40	GPK8 (B)	GPK8
732	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp068645.exe	KCD6XVUL1T60	GPK8 (B)	GPK8
733	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp068645.exe	KCD6XVUL800G	GPK8 (B)	GPK8
734	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp068645.exe	KCD6XVUL3T20	GPK8 (B)	GPK8
735	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp068645.exe	KCD6XVUL12T8	GPK8 (B)	GPK8
736	Online NVMe SSD Flash Component	cp068645.exe	KCD6XLUL960G	GPK8 (B)	GPK8

	for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives				
737	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp068645.exe	KCD6XLUL1T92	GPk8 (B)	GPk8
738	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp068645.exe	KCD6XLUL3T84	GPk8 (B)	GPk8
739	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp068645.exe	KCD6XLUL15T3	GPk8 (B)	GPk8
740	Online NVMe SSD Flash Component for Windows (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	cp068652.exe	KCM6FRUL1T92	GPk6 (B)	GPk6
741	Online NVMe SSD Flash Component for Windows (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	cp068652.exe	KCM6FRUL3T84	GPk6 (B)	GPk6
742	Online NVMe SSD Flash Component for Windows (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	cp068652.exe	KCM6FVUL3T20	GPk6 (B)	GPk6
743	Online NVMe SSD Flash Component for Windows (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	cp068652.exe	KCM6FVUL1T60	GPk6 (B)	GPk6
744	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp068646.exe	KCM6XRUL960G	GPk8 (B)	GPk8
745	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp068646.exe	KCM6XRUL7T68	GPk8 (B)	GPk8
746	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp068646.exe	KCM6XRUL1T92	GPk8 (B)	GPk8
747	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and	cp068646.exe	KCM6XVUL3T20	GPk8 (B)	GPk8

	KCM6XRUL7T68 Drives				
748	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp068646.exe	KCM6XRUL3T84	GPK8 (B)	GPK8
749	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp068646.exe	KCM6XVUL800G	GPK8 (B)	GPK8
750	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp068646.exe	KCM6XVUL6T40	GPK8 (B)	GPK8
751	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp068646.exe	KCM6XVUL1T60	GPK8 (B)	GPK8
752	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp068625.exe	VK007680KWWFQ	HPK4 (B)	HPK4
753	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp068625.exe	MK006400KWWFK	HPK4 (B)	HPK4
754	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp068625.exe	VK003840KWWFP	HPK4 (B)	HPK4
755	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp068625.exe	MK003200KWWFH	HPK4 (B)	HPK4
756	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH,	cp068625.exe	VK001920KWWFN	HPK4 (B)	HPK4

	MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives				
757	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp068625.exe	MK001600KWWFF	HPK4 (B)	HPK4
758	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp068625.exe	VK000960KWWFL	HPK4 (B)	HPK4
759	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp068625.exe	MK000800KWWFE	HPK4 (B)	HPK4
760	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	cp068633.exe	MZXL5960HBHQ-00 0H3	MPK78H5Q (C)	MPK78H5Q
761	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	cp068633.exe	MZXL515THALA-00 0H3	MPK78H5Q (C)	MPK78H5Q
762	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	cp068633.exe	MZXL512THALA-00 0H3	MPK78H5Q (C)	MPK78H5Q

	MZXL515THALA-0 Drive				
763	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	cp068633.exe	MZXL57T6HALA-000H3	MPK78H5Q (C)	MPK78H5Q
764	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	cp068633.exe	MZXL56T4HALA-000H3	MPK78H5Q (C)	MPK78H5Q
765	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	cp068633.exe	MZXL53T8HBLS-000H3	MPK78H5Q (C)	MPK78H5Q
766	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	cp068633.exe	MZXL53T2HBLS-000H3	MPK78H5Q (C)	MPK78H5Q
767	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	cp068633.exe	MZXL51T6HBJR-000H3	MPK78H5Q (C)	MPK78H5Q
768	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3,	cp068633.exe	MZXL5800HBHQ-000H3	MPK78H5Q (C)	MPK78H5Q

	MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive				
769	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	cp068633.exe	MZXL51T9HBJR-000 H3	MPK78H5Q (C)	MPK78H5Q
770	Online NVMe SSD Flash Component for Windows (x64) - MZXL800HBHQ-000H3, MZXL1T6HBJR-000H3, MZXL3T2HBLS-000H3, MZXL6T4HALA-000H3, MZXL12THALA-000H3, MZXL960HBHQ-000H3, MZXL1T9HBJR-000H3, MZXL3T8HBLS-000H3, MZXL7T6HALA-000H3 and MZXL15THALA-0 Drive	cp068640.exe	MZXLR12THALA-00 0H3	MPK7825Q (C)	MPK7825Q
771	Online NVMe SSD Flash Component for Windows (x64) - MZXL800HBHQ-000H3, MZXL1T6HBJR-000H3, MZXL3T2HBLS-000H3, MZXL6T4HALA-000H3, MZXL12THALA-000H3, MZXL960HBHQ-000H3, MZXL1T9HBJR-000H3, MZXL3T8HBLS-000H3, MZXL7T6HALA-000H3 and MZXL15THALA-0 Drive	cp068640.exe	MZXLR15THALA-00 0H3	MPK7825Q (C)	MPK7825Q
772	Online NVMe SSD Flash Component for Windows (x64) - MZXL800HBHQ-000H3, MZXL1T6HBJR-000H3, MZXL3T2HBLS-000H3, MZXL6T4HALA-000H3, MZXL12THALA-000H3, MZXL960HBHQ-000H3, MZXL1T9HBJR-000H3, MZXL3T8HBLS-000H3, MZXL7T6HALA-000H3 and MZXL15THALA-0 Drive	cp068640.exe	MZXLR7T6HALA-00 0H3	MPK7825Q (C)	MPK7825Q
773	Online NVMe SSD Flash Component for Windows (x64) - MZXL800HBHQ-000H3, MZXL1T6HBJR-000H3, MZXL3T2HBLS-000H3, MZXL6T4HALA-000H3, MZXL12THALA-000H3, MZXL960HBHQ-000H3, MZXL1T9HBJR-000H3, MZXL3T8HBLS-000H3, MZXL7T6HALA-000H3 and	cp068640.exe	MZXLR1T6HBJR-000 H3	MPK7825Q (C)	MPK7825Q

	MZXLR15THALA-0 Drive				
774	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	cp068640.exe	MZXLR800HBHQ-000H3	MPK7825Q (C)	MPK7825Q
775	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	cp068640.exe	MZXLR3T2HBLS-000H3	MPK7825Q (C)	MPK7825Q
776	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	cp068640.exe	MZXLR6T4HALA-000H3	MPK7825Q (C)	MPK7825Q
777	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	cp068640.exe	MZXLR1T9HBJR-000H3	MPK7825Q (C)	MPK7825Q
778	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	cp068640.exe	MZXLR3T8HBLS-000H3	MPK7825Q (C)	MPK7825Q
779	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3,	cp068640.exe	MZXLR960HBHQ-000H3	MPK7825Q (C)	MPK7825Q

	MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBL5-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive				
780	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp068636.exe	VO000960KXAVL	HPK5 (G)	HPK5
781	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp068636.exe	MO000800KXAVN	HPK5 (G)	HPK5
782	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp068636.exe	MO001600KXAVT	HPK5 (G)	HPK5
783	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp068636.exe	MO003200KXAVU	HPK5 (G)	HPK5
784	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp068636.exe	MO006400KXAVV	HPK5 (G)	HPK5
785	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp068636.exe	VO003840KXAVQ	HPK5 (G)	HPK5
786	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp068636.exe	VO007680KXAVR	HPK5 (G)	HPK5
787	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp068636.exe	VO001920KXAVP	HPK5 (G)	HPK5
788	Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	cp068641.exe	MO001600KYDMU	HPK6 (C)	HPK6
789	Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU,	cp068641.exe	MO006400KYDND	HPK6 (C)	HPK6

	MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives				
790	Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	cp068641.exe	VO015360KYDNB	HPK6 (C)	HPK6
791	Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	cp068641.exe	VO007680KYDNA	HPK6 (C)	HPK6
792	Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	cp068641.exe	MO003200KYDNC	HPK6 (C)	HPK6
793	Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	cp068641.exe	VO001920KYDMT	HPK6 (C)	HPK6
794	Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	cp068641.exe	VO003840KYDMV	HPK6 (C)	HPK6
795	Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	cp068623.exe	MO006400KWVVA	4ICRHPK3 (I)	4ICRHPK3
796	Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	cp068623.exe	VO004000KWVUR	4ICRHPK3 (I)	4ICRHPK3
797	Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	cp068623.exe	MO003200KWVUV	4ICRHPK3 (I)	4ICRHPK3
798	Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	cp068623.exe	VO002000KWVVC	4ICRHPK3 (I)	4ICRHPK3
799	Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU,	cp068623.exe	MO001600KWVUU	4ICRHPK3 (I)	4ICRHPK3

	MO003200KWVUV and MO006400KWVVA Drives				
800	Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN drives	cp068635.exe	VS000480KXALB	85032G00 (H)	85032G00
801	Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN drives	cp068635.exe	VS003840KWXFQ	85032G00 (H)	85032G00
802	Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN drives	cp068635.exe	VS001920KWXFP	85032G00 (H)	85032G00
803	Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN drives	cp068635.exe	VS000960KWXFN	85032G00 (H)	85032G00
804	Universal Firmware Package for Drives - MO000800KXPRV, MO001600KXPTR, MO003200KXPTT, MO006400KXPTU, VO000960KXPRU, VO001920KXPTN, VO003840KXPTP and VO007680KXPTQ	SKHynix_PE81X0_KPE81 X0AHPK2.fwpkg	MO000800KXPRV	HPK2	HPK2
805	Universal Firmware Package for Drives - MO000800KXPRV, MO001600KXPTR, MO003200KXPTT, MO006400KXPTU, VO000960KXPRU, VO001920KXPTN, VO003840KXPTP and VO007680KXPTQ	SKHynix_PE81X0_KPE81 X0AHPK2.fwpkg	MO001600KXPTR	HPK2	HPK2
806	Universal Firmware Package for Drives - MO000800KXPRV, MO001600KXPTR, MO003200KXPTT, MO006400KXPTU, VO000960KXPRU, VO001920KXPTN, VO003840KXPTP and VO007680KXPTQ	SKHynix_PE81X0_KPE81 X0AHPK2.fwpkg	MO003200KXPTT	HPK2	HPK2
807	Universal Firmware Package for Drives - MO000800KXPRV, MO001600KXPTR, MO003200KXPTT, MO006400KXPTU, VO000960KXPRU, VO001920KXPTN, VO003840KXPTP and VO007680KXPTQ	SKHynix_PE81X0_KPE81 X0AHPK2.fwpkg	MO006400KXPTU	HPK2	HPK2
808	Universal Firmware Package for Drives - MO000800KXPRV, MO001600KXPTR, MO003200KXPTT, MO006400KXPTU, VO000960KXPRU, VO001920KXPTN, VO003840KXPTP and VO007680KXPTQ	SKHynix_PE81X0_KPE81 X0AHPK2.fwpkg	VO000960KXPRU	HPK2	HPK2
809	Universal Firmware Package for Drives - MO000800KXPRV, MO001600KXPTR, MO003200KXPTT, MO006400KXPTU, VO000960KXPRU, VO001920KXPTN, VO003840KXPTP and VO007680KXPTQ	SKHynix_PE81X0_KPE81 X0AHPK2.fwpkg	VO001920KXPTN	HPK2	HPK2
810	Universal Firmware Package for Drives - MO000800KXPRV, MO001600KXPTR, MO003200KXPTT, MO006400KXPTU, VO000960KXPRU, VO001920KXPTN, VO003840KXPTP and VO007680KXPTQ	SKHynix_PE81X0_KPE81 X0AHPK2.fwpkg	VO003840KXPTP	HPK2	HPK2
811	Universal Firmware Package for Drives - MO000800KXPRV, MO001600KXPTR, MO003200KXPTT, MO006400KXPTU, VO000960KXPRU, VO001920KXPTN, VO003840KXPTP and VO007680KXPTQ	SKHynix_PE81X0_KPE81 X0AHPK2.fwpkg	VO007680KXPTQ	HPK2	HPK2

812	Universal Firmware Package for Drives - MO000800KXUJT, MO001600KXUJU, MO003200KXUJV, MO006400KXUKA, VO000960KXUJN, VO001920KXUJP, VO003840KXUJQ, VO007680KXUJR and VO015360KYGZQ	Kioxia_CD8_KACD8ALS HPK2.fwpkg	MO000800KXUJT	HPK2	HPK2
813	Universal Firmware Package for Drives - MO000800KXUJT, MO001600KXUJU, MO003200KXUJV, MO006400KXUKA, VO000960KXUJN, VO001920KXUJP, VO003840KXUJQ, VO007680KXUJR and VO015360KYGZQ	Kioxia_CD8_KACD8ALS HPK2.fwpkg	MO001600KXUJU	HPK2	HPK2
814	Universal Firmware Package for Drives - MO000800KXUJT, MO001600KXUJU, MO003200KXUJV, MO006400KXUKA, VO000960KXUJN, VO001920KXUJP, VO003840KXUJQ, VO007680KXUJR and VO015360KYGZQ	Kioxia_CD8_KACD8ALS HPK2.fwpkg	MO003200KXUJV	HPK2	HPK2
815	Universal Firmware Package for Drives - MO000800KXUJT, MO001600KXUJU, MO003200KXUJV, MO006400KXUKA, VO000960KXUJN, VO001920KXUJP, VO003840KXUJQ, VO007680KXUJR and VO015360KYGZQ	Kioxia_CD8_KACD8ALS HPK2.fwpkg	MO006400KXUKA	HPK2	HPK2
816	Universal Firmware Package for Drives - MO000800KXUJT, MO001600KXUJU, MO003200KXUJV, MO006400KXUKA, VO000960KXUJN, VO001920KXUJP, VO003840KXUJQ, VO007680KXUJR and VO015360KYGZQ	Kioxia_CD8_KACD8ALS HPK2.fwpkg	VO000960KXUJN	HPK2	HPK2
817	Universal Firmware Package for Drives - MO000800KXUJT, MO001600KXUJU, MO003200KXUJV, MO006400KXUKA, VO000960KXUJN, VO001920KXUJP, VO003840KXUJQ, VO007680KXUJR and VO015360KYGZQ	Kioxia_CD8_KACD8ALS HPK2.fwpkg	VO001920KXUJP	HPK2	HPK2
818	Universal Firmware Package for Drives - MO000800KXUJT, MO001600KXUJU, MO003200KXUJV, MO006400KXUKA, VO000960KXUJN, VO001920KXUJP, VO003840KXUJQ, VO007680KXUJR and VO015360KYGZQ	Kioxia_CD8_KACD8ALS HPK2.fwpkg	VO003840KXUJQ	HPK2	HPK2
819	Universal Firmware Package for Drives - MO000800KXUJT, MO001600KXUJU, MO003200KXUJV, MO006400KXUKA, VO000960KXUJN, VO001920KXUJP, VO003840KXUJQ, VO007680KXUJR and VO015360KYGZQ	Kioxia_CD8_KACD8ALS HPK2.fwpkg	VO007680KXUJR	HPK2	HPK2
820	Universal Firmware Package for Drives - MO000800KXUJT, MO001600KXUJU, MO003200KXUJV, MO006400KXUKA, VO000960KXUJN, VO001920KXUJP, VO003840KXUJQ, VO007680KXUJR and VO015360KYGZQ	Kioxia_CD8_KACD8ALS HPK2.fwpkg	VO015360KYGZQ	HPK2	HPK2
821	Universal Firmware Package for Drives - MO000800KYDZK, MO001600KYDZR, MO003200KYDZT, MO006400KYDZU, VO000960KYDZH, VO001920KYDZL, VO003840KYDZN, VO001536KYDZQ and VO007680KYDZP	Micron_7500_M7500AL LHPK6.fwpkg	MO006400KYDZU	HPK6	HPK6
822	Universal Firmware Package for Drives - MO000800KYDZK, MO001600KYDZR, MO003200KYDZT, MO006400KYDZU, VO000960KYDZH, VO001920KYDZL, VO003840KYDZN,	Micron_7500_M7500AL LHPK6.fwpkg	MO003200KYDZT	HPK6	HPK6

	VO001536KYDZQ and VO007680KYDZP				
823	Universal Firmware Package for Drives - MO000800KYDZK, MO001600KYDZR, MO003200KYDZT, MO006400KYDZU, VO000960KYDZH, VO001920KYDZL, VO003840KYDZN, VO001536KYDZQ and VO007680KYDZP	Micron_7500_M7500AL LHPK6.fwpkg	MO001600KYDZR	HPK6	HPK6
824	Universal Firmware Package for Drives - MO000800KYDZK, MO001600KYDZR, MO003200KYDZT, MO006400KYDZU, VO000960KYDZH, VO001920KYDZL, VO003840KYDZN, VO001536KYDZQ and VO007680KYDZP	Micron_7500_M7500AL LHPK6.fwpkg	MO000800KYDZK	HPK6	HPK6
825	Universal Firmware Package for Drives - MO000800KYDZK, MO001600KYDZR, MO003200KYDZT, MO006400KYDZU, VO000960KYDZH, VO001920KYDZL, VO003840KYDZN, VO001536KYDZQ and VO007680KYDZP	Micron_7500_M7500AL LHPK6.fwpkg	VO007680KYDZP	HPK6	HPK6
826	Universal Firmware Package for Drives - MO000800KYDZK, MO001600KYDZR, MO003200KYDZT, MO006400KYDZU, VO000960KYDZH, VO001920KYDZL, VO003840KYDZN, VO001536KYDZQ and VO007680KYDZP	Micron_7500_M7500AL LHPK6.fwpkg	VO003840KYDZN	HPK6	HPK6
827	Universal Firmware Package for Drives - MO000800KYDZK, MO001600KYDZR, MO003200KYDZT, MO006400KYDZU, VO000960KYDZH, VO001920KYDZL, VO003840KYDZN, VO001536KYDZQ and VO007680KYDZP	Micron_7500_M7500AL LHPK6.fwpkg	VO001920KYDZL	HPK6	HPK6
828	Universal Firmware Package for Drives - MO000800KYDZK, MO001600KYDZR, MO003200KYDZT, MO006400KYDZU, VO000960KYDZH, VO001920KYDZL, VO003840KYDZN, VO001536KYDZQ and VO007680KYDZP	Micron_7500_M7500AL LHPK6.fwpkg	VO000960KYDZH	HPK6	HPK6
829	Universal Firmware Package for Drives - MO000800KYDZK, MO001600KYDZR, MO003200KYDZT, MO006400KYDZU, VO000960KYDZH, VO001920KYDZL, VO003840KYDZN, VO001536KYDZQ and VO007680KYDZP	Micron_7500_M7500AL LHPK6.fwpkg	VO001536KYDZQ	HPK6	HPK6
830	Universal Firmware Package for Drives - MO001600KXVYH, MO003200KXVZD, MO006400KXVZE, VO001920KXVYF, VO003840KXVZA, VO007680KXVZB and VO015360KXVZC	Kioxia_CM7_KACM7ALS HPK4.fwpkg	MO001600KXVYH	HPK4	HPK4
831	Universal Firmware Package for Drives - MO001600KXVYH, MO003200KXVZD, MO006400KXVZE, VO001920KXVYF, VO003840KXVZA, VO007680KXVZB and VO015360KXVZC	Kioxia_CM7_KACM7ALS HPK4.fwpkg	MO003200KXVZD	HPK4	HPK4
832	Universal Firmware Package for Drives - MO001600KXVYH, MO003200KXVZD, MO006400KXVZE,	Kioxia_CM7_KACM7ALS HPK4.fwpkg	MO006400KXVZE	HPK4	HPK4

	VO001920KXVYF, VO003840KXVZA, VO007680KXVZB and VO015360KXVZC				
833	Universal Firmware Package for Drives - MO001600KXVYH, MO003200KXVZD, MO006400KXVZE, VO001920KXVYF, VO003840KXVZA, VO007680KXVZB and VO015360KXVZC	Kioxia_CM7_KACM7ALS HPK4.fwpkg	VO001920KXVYF	HPK4	HPK4
834	Universal Firmware Package for Drives - MO001600KXVYH, MO003200KXVZD, MO006400KXVZE, VO001920KXVYF, VO003840KXVZA, VO007680KXVZB and VO015360KXVZC	Kioxia_CM7_KACM7ALS HPK4.fwpkg	VO003840KXVZA	HPK4	HPK4
835	Universal Firmware Package for Drives - MO001600KXVYH, MO003200KXVZD, MO006400KXVZE, VO001920KXVYF, VO003840KXVZA, VO007680KXVZB and VO015360KXVZC	Kioxia_CM7_KACM7ALS HPK4.fwpkg	VO007680KXVZB	HPK4	HPK4
836	Universal Firmware Package for Drives - MO001600KXVYH, MO003200KXVZD, MO006400KXVZE, VO001920KXVYF, VO003840KXVZA, VO007680KXVZB and VO015360KXVZC	Kioxia_CM7_KACM7ALS HPK4.fwpkg	VO015360KXVZC	HPK4	HPK4
837	Universal Firmware Package for Drives - MO001600KYFFF, MO003200KYFET, MO006400KYFEU, VO001920KYFFE, VO003840KYFEP, VO007680KYFEQ and VO015360KYFER	SKHynix_PS10x0_KPS10 x0U3DK2.fwpkg	VO015360KYFER	HPK2	HPK2
838	Universal Firmware Package for Drives - MO001600KYFFF, MO003200KYFET, MO006400KYFEU, VO001920KYFFE, VO003840KYFEP, VO007680KYFEQ and VO015360KYFER	SKHynix_PS10x0_KPS10 x0U3DK2.fwpkg	VO007680KYFEQ	HPK2	HPK2
839	Universal Firmware Package for Drives - MO001600KYFFF, MO003200KYFET, MO006400KYFEU, VO001920KYFFE, VO003840KYFEP, VO007680KYFEQ and VO015360KYFER	SKHynix_PS10x0_KPS10 x0U3DK2.fwpkg	VO003840KYFEP	HPK2	HPK2
840	Universal Firmware Package for Drives - MO001600KYFFF, MO003200KYFET, MO006400KYFEU, VO001920KYFFE, VO003840KYFEP, VO007680KYFEQ and VO015360KYFER	SKHynix_PS10x0_KPS10 x0U3DK2.fwpkg	VO001920KYFFE	HPK2	HPK2
841	Universal Firmware Package for Drives - MO001600KYFFF, MO003200KYFET, MO006400KYFEU, VO001920KYFFE, VO003840KYFEP, VO007680KYFEQ and VO015360KYFER	SKHynix_PS10x0_KPS10 x0U3DK2.fwpkg	MO006400KYFEU	HPK2	HPK2
842	Universal Firmware Package for Drives - MO001600KYFFF, MO003200KYFET, MO006400KYFEU, VO001920KYFFE, VO003840KYFEP, VO007680KYFEQ and VO015360KYFER	SKHynix_PS10x0_KPS10 x0U3DK2.fwpkg	MO003200KYFET	HPK2	HPK2
843	Universal Firmware Package for Drives - MO001600KYFFF, MO003200KYFET, MO006400KYFEU, VO001920KYFFE, VO003840KYFEP, VO007680KYFEQ and VO015360KYFER	SKHynix_PS10x0_KPS10 x0U3DK2.fwpkg	MO001600KYFFF	HPK2	HPK2
844	Universal Firmware Package for Drives - MO001600KYLEC, MO003200KYLHL, MO006400KYLHN, VO001920KYLEB, VO003840KYLHF, VO007680KYLHH	SKHynix_PE10X0_KPE10 x0U3DK1.fwpkg	MO001600KYLEC	HPK1	HPK1

	and VOO15360KYLHK				
845	Universal Firmware Package for Drives - MO001600KYLEC, MO003200KYLHL, MO006400KYLHN, VO001920KYLEB, VO003840KYLHF, VO007680KYLHH and VOO15360KYLHK	SKHynix_PE10X0_KPE10 x0U3DK1.fwpkg	MO003200KYLHL	HPK1	HPK1
846	Universal Firmware Package for Drives - MO001600KYLEC, MO003200KYLHL, MO006400KYLHN, VO001920KYLEB, VO003840KYLHF, VO007680KYLHH and VOO15360KYLHK	SKHynix_PE10X0_KPE10 x0U3DK1.fwpkg	MO006400KYLHN	HPK1	HPK1
847	Universal Firmware Package for Drives - MO001600KYLEC, MO003200KYLHL, MO006400KYLHN, VO001920KYLEB, VO003840KYLHF, VO007680KYLHH and VOO15360KYLHK	SKHynix_PE10X0_KPE10 x0U3DK1.fwpkg	VO001920KYLEB	HPK1	HPK1
848	Universal Firmware Package for Drives - MO001600KYLEC, MO003200KYLHL, MO006400KYLHN, VO001920KYLEB, VO003840KYLHF, VO007680KYLHH and VOO15360KYLHK	SKHynix_PE10X0_KPE10 x0U3DK1.fwpkg	VO003840KYLHF	HPK1	HPK1
849	Universal Firmware Package for Drives - MO001600KYLEC, MO003200KYLHL, MO006400KYLHN, VO001920KYLEB, VO003840KYLHF, VO007680KYLHH and VOO15360KYLHK	SKHynix_PE10X0_KPE10 x0U3DK1.fwpkg	VO007680KYLHH	HPK1	HPK1
850	Universal Firmware Package for Drives - MO001600KYLEC, MO003200KYLHL, MO006400KYLHN, VO001920KYLEB, VO003840KYLHF, VO007680KYLHH and VOO15360KYLHK	SKHynix_PE10X0_KPE10 x0U3DK1.fwpkg	VO015360KYLHK	HPK1	HPK1
851	Universal Firmware Package for Drives - MO001600KZYWU, MO003200KZYXB, MO006400KZYXC, VO001920KZYWT, VO003840KZYWV and VO007680KZYXA	Solidigm_P5x20_4IAAH PK5.fwpkg	MO001600KZYWU	HPK5	HPK5
852	Universal Firmware Package for Drives - MO001600KZYWU, MO003200KZYXB, MO006400KZYXC, VO001920KZYWT, VO003840KZYWV and VO007680KZYXA	Solidigm_P5x20_4IAAH PK5.fwpkg	MO003200KZYXB	HPK5	HPK5
853	Universal Firmware Package for Drives - MO001600KZYWU, MO003200KZYXB, MO006400KZYXC, VO001920KZYWT, VO003840KZYWV and VO007680KZYXA	Solidigm_P5x20_4IAAH PK5.fwpkg	MO006400KZYXC	HPK5	HPK5
854	Universal Firmware Package for Drives - MO001600KZYWU, MO003200KZYXB, MO006400KZYXC, VO001920KZYWT, VO003840KZYWV and VO007680KZYXA	Solidigm_P5x20_4IAAH PK5.fwpkg	VO001920KZYWT	HPK5	HPK5
855	Universal Firmware Package for Drives - MO001600KZYWU, MO003200KZYXB, MO006400KZYXC, VO001920KZYWT, VO003840KZYWV and VO007680KZYXA	Solidigm_P5x20_4IAAH PK5.fwpkg	VO003840KZYWV	HPK5	HPK5
856	Universal Firmware Package for Drives - MO001600KZYWU, MO003200KZYXB, MO006400KZYXC, VO001920KZYWT, VO003840KZYWV and VO007680KZYXA	Solidigm_P5x20_4IAAH PK5.fwpkg	VO007680KZYXA	HPK5	HPK5
857	Universal Firmware Package for Drives - MO001600YXUJB, MO003200YXUJC, MO006400YXUJD, VO001920YXUHU, VO003840YXUHV and VO007680YXUJA	Kioxia_CM7_KACM7ALF HPK4.fwpkg	MO001600YXUJB	HPK4	HPK4

858	Universal Firmware Package for Drives - MO001600YXUJB, MO003200YXUJC, MO006400YXUJD, VO001920YXUHU, VO003840YXUHV and VO007680YXUJA	Kioxia_CM7_KACM7ALF HPK4.fwpkg	MO003200YXUJC	HPK4	HPK4
859	Universal Firmware Package for Drives - MO001600YXUJB, MO003200YXUJC, MO006400YXUJD, VO001920YXUHU, VO003840YXUHV and VO007680YXUJA	Kioxia_CM7_KACM7ALF HPK4.fwpkg	MO006400YXUJD	HPK4	HPK4
860	Universal Firmware Package for Drives - MO001600YXUJB, MO003200YXUJC, MO006400YXUJD, VO001920YXUHU, VO003840YXUHV and VO007680YXUJA	Kioxia_CM7_KACM7ALF HPK4.fwpkg	VO001920YXUHU	HPK4	HPK4
861	Universal Firmware Package for Drives - MO001600YXUJB, MO003200YXUJC, MO006400YXUJD, VO001920YXUHU, VO003840YXUHV and VO007680YXUJA	Kioxia_CM7_KACM7ALF HPK4.fwpkg	VO003840YXUHV	HPK4	HPK4
862	Universal Firmware Package for Drives - MO001600YXUJB, MO003200YXUJC, MO006400YXUJD, VO001920YXUHU, VO003840YXUHV and VO007680YXUJA	Kioxia_CM7_KACM7ALF HPK4.fwpkg	VO007680YXUJA	HPK4	HPK4
863	Universal Firmware Package for Drives - VK000960KYDPT, VK001920KYDPU, VK003840KYDPV and VK007680KYDQA	Samsung_PM9A3_GPM 9A3SAHPK6.fwpkg	VK000960KYDPT	HPK6	HPK6
864	Universal Firmware Package for Drives - VK000960KYDPT, VK001920KYDPU, VK003840KYDPV and VK007680KYDQA	Samsung_PM9A3_GPM 9A3SAHPK6.fwpkg	VK001920KYDPU	HPK6	HPK6
865	Universal Firmware Package for Drives - VK000960KYDPT, VK001920KYDPU, VK003840KYDPV and VK007680KYDQA	Samsung_PM9A3_GPM 9A3SAHPK6.fwpkg	VK003840KYDPV	HPK6	HPK6
866	Universal Firmware Package for Drives - VK000960KYDPT, VK001920KYDPU, VK003840KYDPV and VK007680KYDQA	Samsung_PM9A3_GPM 9A3SAHPK6.fwpkg	VK007680KYDQA	HPK6	HPK6
867	Universal Firmware Package for Drives - VO000960KXNXD, VO001920KXNZQ, VO003840KXNZR, VO007680KXNZT, MO000800KXNXH, MO001600KXNZV, MO003200KXPAA and MO006400KXPAB	Micron_7450U3_M745 0ALLHPS7.fwpkg	VO001920KXNZQ	HPS7	HPS7
868	Universal Firmware Package for Drives - VO000960KXNXD, VO001920KXNZQ, VO003840KXNZR, VO007680KXNZT, MO000800KXNXH, MO001600KXNZV, MO003200KXPAA and MO006400KXPAB	Micron_7450U3_M745 0ALLHPS7.fwpkg	VO003840KXNZR	HPS7	HPS7
869	Universal Firmware Package for Drives - VO000960KXNXD, VO001920KXNZQ, VO003840KXNZR, VO007680KXNZT, MO000800KXNXH, MO001600KXNZV, MO003200KXPAA and MO006400KXPAB	Micron_7450U3_M745 0ALLHPS7.fwpkg	VO007680KXNZT	HPS7	HPS7
870	Universal Firmware Package for Drives - VO000960KXNXD, VO001920KXNZQ, VO003840KXNZR, VO007680KXNZT, MO000800KXNXH, MO001600KXNZV, MO003200KXPAA and MO006400KXPAB	Micron_7450U3_M745 0ALLHPS7.fwpkg	MO000800KXNXH	HPS7	HPS7
871	Universal Firmware Package for Drives	Micron_7450U3_M745	MO001600KXNZV	HPS7	HPS7

	- VO000960KXNXD, VO001920KXNZQ, VO003840KXNZR, VO007680KXNZT, MO000800KXNXH, MO001600KXNZV, MO003200KXPAA and MO006400KXPAB	0ALLHPS7.fwpkg			
872	Universal Firmware Package for Drives - VO000960KXNXD, VO001920KXNZQ, VO003840KXNZR, VO007680KXNZT, MO000800KXNXH, MO001600KXNZV, MO003200KXPAA and MO006400KXPAB	Micron_7450U3_M745 0ALLHPS7.fwpkg	MO003200KXPAA	HPS7	HPS7
873	Universal Firmware Package for Drives - VO000960KXNXD, VO001920KXNZQ, VO003840KXNZR, VO007680KXNZT, MO000800KXNXH, MO001600KXNZV, MO003200KXPAA and MO006400KXPAB	Micron_7450U3_M745 0ALLHPS7.fwpkg	MO006400KXPAB	HPS7	HPS7
874	Universal Firmware Package for Drives - VO000960KXNXD, VO001920KXNZQ, VO003840KXNZR, VO007680KXNZT, MO000800KXNXH, MO001600KXNZV, MO003200KXPAA and MO006400KXPAB	Micron_7450U3_M745 0ALLHPS7.fwpkg	VO000960KXNXD	HPS7	HPS7
875	Universal Firmware Package for Drives - VR000480KXLXF	Samsung_PM9A3_GPM 9A3SAHPK4.fwpkg	VR000480KXLXF	HPK4	HPK4
876	Universal Firmware Package for Drives - VR000480KYXPQ, VR000960KYXQA and VR001920KYXQB	SKHynix_PE90X0_KPE90 10IHPK2.fwpkg	VR000480KYXPQ	HPK2	HPK2
877	Universal Firmware Package for Drives - VR000480KYXPQ, VR000960KYXQA and VR001920KYXQB	SKHynix_PE90X0_KPE90 10IHPK2.fwpkg	VR000960KYXQA	HPK2	HPK2
878	Universal Firmware Package for Drives - VR000480KYXPQ, VR000960KYXQA and VR001920KYXQB	SKHynix_PE90X0_KPE90 10IHPK2.fwpkg	VR001920KYXQB	HPK2	HPK2
879	Universal Firmware Package for Drives - VR000960YYXPR	SKHynix_PE90X0_KPE90 10SHPK2.fwpkg	VR000960YYXPR	HPK2	HPK2

6.2.12 Firmware - Power Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
880	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	cp069591.exe	-	0.2.3.0 (D)	0.2.3.0
881	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-1.1.4-4.1.x86_64.rpm	-	1.1.4 (D)	1.1.4
882	Online ROM Flash for Windows x64 - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors	cp069608.exe	-	1.1.4 (D)	1.1.4
883	Online ROM Flash for Windows x64 - Innovation Engine Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	cp069599.exe	-	1.0.0.22 (D)	1.0.0.22
884	ROM Flash Firmware Package - Advanced Power Capping Microcontroller Firmware for servers	PICFW-1.1.4-1.fwpkg	-	1.1.4	1.1.4

	using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors				

6.2.13 Firmware – SAS Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
885	Online HDD/SSD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	firmware-hdd-24fe569b72-HPD6-2.1.x86_64.rpm	EG001200JWJNK	HPD6 (B)	HPD6
886	Online HDD/SSD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	firmware-hdd-24fe569b72-HPD6-2.1.x86_64.rpm	EG000600JWJNH	HPD6 (B)	HPD6
887	Online HDD/SSD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	firmware-hdd-24fe569b72-HPD6-2.1.x86_64.rpm	EG000300JWSJP	HPD6 (B)	HPD6
888	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	firmware-hdd-bdfb8e99d9-HPD9-2.1.x86_64.rpm	EG001200JWJNQ	HPD9 (B)	HPD9
889	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	firmware-hdd-bdfb8e99d9-HPD9-2.1.x86_64.rpm	EG000600JWJNP	HPD9 (B)	HPD9
890	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	firmware-hdd-bdfb8e99d9-HPD9-2.1.x86_64.rpm	EG001200MXJQU	HPD9 (B)	HPD9
891	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	firmware-hdd-bdfb8e99d9-HPD9-2.1.x86_64.rpm	EG000600JXLVV	HPD9 (B)	HPD9
892	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	firmware-hdd-bdfb8e99d9-HPD9-2.1.x86_64.rpm	EG001200JXLWA	HPD9 (B)	HPD9
893	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNL and EG002400JWJNN Drives	firmware-hdd-852266afdf-HPD6-2.1.x86_64.rpm	EG002400JWJNN	HPD6 (B)	HPD6
894	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNL and EG002400JWJNN Drives	firmware-hdd-852266afdf-HPD6-2.1.x86_64.rpm	EG001800JWJNL	HPD6 (B)	HPD6
895	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	firmware-hdd-b1c9eaf74c-HPDB-3.1.x86_64.rpm	EG001800JWJNR	HPDB (C)	HPDB
896	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	firmware-hdd-b1c9eaf74c-HPDB-3.1.x86_64.rpm	EG002400JWJNT	HPDB (C)	HPDB
897	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	firmware-hdd-b1c9eaf74c-HPDB-3.1.x86_64.rpm	EG002400MXJQT	HPDB (C)	HPDB

898	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	firmware-hdd-b1c9eaf74c-HPDB-3.1.x86_64.rpm	EG001800JXLWB	HPDB (C)	HPDB
899	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	firmware-hdd-b1c9eaf74c-HPDB-3.1.x86_64.rpm	EG002400JXLWC	HPDB (C)	HPDB
900	Online HDD/SSD Flash Component for Linux (x64) - EH000600JWCPF and EH000900JWCPH Drives	firmware-hdd-a05f29cef3-HPDD-4.1.x86_64.rpm	EH000600JWCPF	HPDD (D)	HPDD
901	Online HDD/SSD Flash Component for Linux (x64) - EH000600JWCPF and EH000900JWCPH Drives	firmware-hdd-a05f29cef3-HPDD-4.1.x86_64.rpm	EH000900JWCPH	HPDD (D)	HPDD
902	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPK and EH000600JWHPH Drives	firmware-hdd-c7df7ceedb-HPD9-2.1.x86_64.rpm	EH000600JWHPH	HPD9 (B)	HPD9
903	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPK and EH000600JWHPH Drives	firmware-hdd-c7df7ceedb-HPD9-2.1.x86_64.rpm	EH000900JWHPK	HPD9 (B)	HPD9
904	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	firmware-hdd-8d68452816-HPD9-2.1.x86_64.rpm	EH000300JWHPL	HPD9 (B)	HPD9
905	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	firmware-hdd-8d68452816-HPD9-2.1.x86_64.rpm	EH000600JWHPN	HPD9 (B)	HPD9
906	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	firmware-hdd-8d68452816-HPD9-2.1.x86_64.rpm	EH000900JWHPP	HPD9 (B)	HPD9
907	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD3-5.1.x86_64.rpm	EO001600JWDKR	HPD3 (E)	HPD3
908	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD3-5.1.x86_64.rpm	MO001600JWDLA	HPD3 (E)	HPD3
909	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD3-5.1.x86_64.rpm	MO003200JWDLB	HPD3 (E)	HPD3
910	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD3-5.1.x86_64.rpm	EO000400JWDKP	HPD3 (E)	HPD3
911	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD3-5.1.x86_64.rpm	MO000400JWDKU	HPD3 (E)	HPD3
912	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP,	firmware-hdd-5dcf26fa42-HPD3-5.1.x86_64.rpm	EO000800JWDKQ	HPD3 (E)	HPD3

	EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	m			
913	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD3-5.1.x86_64.rpm	MO000800JWDKV	HPD3 (E)	HPD3
914	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDCH, MO001600PXDCC, MO003200PXDCC, MO006400PXDCE, VO000960PXDCH, VO001920PXDCH, VO003840PXDCH, VO007680PXDCH and VO015300PXDCH Drives	firmware-hdd-42aff4675b-HPD5-2.1.x86_64.rpm	EO000800PXDCK	HPD5 (B)	HPD5
915	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDCH, MO001600PXDCC, MO003200PXDCC, MO006400PXDCE, VO000960PXDCH, VO001920PXDCH, VO003840PXDCH, VO007680PXDCH and VO015300PXDCH Drives	firmware-hdd-42aff4675b-HPD5-2.1.x86_64.rpm	MO000800PXDCH	HPD5 (B)	HPD5
916	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDCH, MO001600PXDCC, MO003200PXDCC, MO006400PXDCE, VO000960PXDCH, VO001920PXDCH, VO003840PXDCH, VO007680PXDCH and VO015300PXDCH Drives	firmware-hdd-42aff4675b-HPD5-2.1.x86_64.rpm	EO000400PXBQ	HPD5 (B)	HPD5
917	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDCH, MO001600PXDCC, MO003200PXDCC, MO006400PXDCE, VO000960PXDCH, VO001920PXDCH, VO003840PXDCH, VO007680PXDCH and VO015300PXDCH Drives	firmware-hdd-42aff4675b-HPD5-2.1.x86_64.rpm	EO001600PXDCH	HPD5 (B)	HPD5
918	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDCH, MO001600PXDCC, MO003200PXDCC, MO006400PXDCE, VO000960PXDCH, VO001920PXDCH, VO003840PXDCH, VO007680PXDCH and VO015300PXDCH Drives	firmware-hdd-42aff4675b-HPD5-2.1.x86_64.rpm	MO001600PXDCC	HPD5 (B)	HPD5
919	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDCH, MO001600PXDCC, MO003200PXDCC, MO006400PXDCE, VO000960PXDCH, VO001920PXDCH, VO003840PXDCH, VO007680PXDCH and VO015300PXDCH Drives	firmware-hdd-42aff4675b-HPD5-2.1.x86_64.rpm	MO006400PXDCE	HPD5 (B)	HPD5
920	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDCH, MO001600PXDCC, MO003200PXDCC, MO006400PXDCE, VO000960PXDCH, VO001920PXDCH, VO003840PXDCH, VO007680PXDCH and VO015300PXDCH Drives	firmware-hdd-42aff4675b-HPD5-2.1.x86_64.rpm	VO007680PXDCH	HPD5 (B)	HPD5

921	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDQB, EO000800PXDCK, EO001600PXDCH, MO000800PXDDB, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDDB, VO001920PXDDB, VO003840PXDDB, VO007680PXDDB and VO015300PXDDB Drives	firmware-hdd-42aff4675b-HPD5-2.1.x86_64.rpm	VO001920PXDDB	HPD5 (B)	HPD5
922	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDQB, EO000800PXDCK, EO001600PXDCH, MO000800PXDDB, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDDB, VO001920PXDDB, VO003840PXDDB, VO007680PXDDB and VO015300PXDDB Drives	firmware-hdd-42aff4675b-HPD5-2.1.x86_64.rpm	MO003200PXDCE	HPD5 (B)	HPD5
923	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDQB, EO000800PXDCK, EO001600PXDCH, MO000800PXDDB, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDDB, VO001920PXDDB, VO003840PXDDB, VO007680PXDDB and VO015300PXDDB Drives	firmware-hdd-42aff4675b-HPD5-2.1.x86_64.rpm	VO015300PXDDB	HPD5 (B)	HPD5
924	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDQB, EO000800PXDCK, EO001600PXDCH, MO000800PXDDB, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDDB, VO001920PXDDB, VO003840PXDDB, VO007680PXDDB and VO015300PXDDB Drives	firmware-hdd-42aff4675b-HPD5-2.1.x86_64.rpm	VO000960PXDDB	HPD5 (B)	HPD5
925	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDQB, EO000800PXDCK, EO001600PXDCH, MO000800PXDDB, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDDB, VO001920PXDDB, VO003840PXDDB, VO007680PXDDB and VO015300PXDDB Drives	firmware-hdd-42aff4675b-HPD5-2.1.x86_64.rpm	VO003840PXDDB	HPD5 (B)	HPD5
926	Online HDD/SSD Flash Component for Linux (x64) - MB002000JYDNE and MB004000JYDPB Drives	firmware-hdd-d4be2aecbb-HPD6-2.1.x86_64.rpm	MB004000JYDPB	HPD6 (B)	HPD6
927	Online HDD/SSD Flash Component for Linux (x64) - MB002000JYDNE and MB004000JYDPB Drives	firmware-hdd-d4be2aecbb-HPD6-2.1.x86_64.rpm	MB002000JYDNE	HPD6 (B)	HPD6
928	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWKGU Drive	firmware-hdd-2c27a7a9a4-HPD2-10.1.x86_64.rpm	MB004000JWKGU	HPD2 (J)	HPD2
929	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWWQB and MB002000JWWQA Drives	firmware-hdd-adb3ab8147-HPD8-8.1.x86_64.rpm	MB004000JWWQB	HPD8 (H)	HPD8
930	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWWQB and MB002000JWWQA Drives	firmware-hdd-adb3ab8147-HPD8-8.1.x86_64.rpm	MB002000JWWQA	HPD8 (H)	HPD8
931	Online HDD/SSD Flash Component for Linux (x64) - MB006000JWKGN Drive	firmware-hdd-a886842a99-HPD2-10.1.x86_64.rpm	MB006000JWKGN	HPD2 (J)	HPD2
932	Online HDD/SSD Flash Component for Linux (x64) - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives	firmware-hdd-b04df66fe9-HPD5-2.1.x86_64.rpm	MB006000JYDNF	HPD5 (B)	HPD5
933	Online HDD/SSD Flash Component for Linux (x64) - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives	firmware-hdd-b04df66fe9-HPD5-2.1.x86_64.rpm	MB008000JYDPC	HPD5 (B)	HPD5

934	Online HDD/SSD Flash Component for Linux (x64) - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives	firmware-hdd-b04df66f e9-HPD5-2.1.x86_64.r pm	MB010000JYDNH	HPD5 (B)	HPD5
935	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWJRQ and MB006000JWJRP Drives	firmware-hdd-faf39e0ff 7-HPD9-10.1.x86_64.r pm	MB008000JWJRQ	HPD9 (J)	HPD9
936	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWJRQ and MB006000JWJRP Drives	firmware-hdd-faf39e0ff 7-HPD9-10.1.x86_64.r pm	MB006000JWJRP	HPD9 (J)	HPD9
937	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWRTD Drive	firmware-hdd-8b26d1ef 02-HPD2-11.1.x86_64.r pm	MB008000JWRTD	HPD2 (K)	HPD2
938	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWWQP and MB006000JWWQN Drives	firmware-hdd-ae6b41e 855-HPD8-8.1.x86_64.r pm	MB006000JWWQN	HPD8 (H)	HPD8
939	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWWQP and MB006000JWWQN Drives	firmware-hdd-ae6b41e 855-HPD8-8.1.x86_64.r pm	MB008000JWWQP	HPD8 (H)	HPD8
940	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	firmware-hdd-cf0b6cab e1-HPD4-7.1.x86_64.r pm	MB010000JWZHA	HPD4 (G)	HPD4
941	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	firmware-hdd-cf0b6cab e1-HPD4-7.1.x86_64.r pm	MB016000JWZHE	HPD4 (G)	HPD4
942	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	firmware-hdd-cf0b6cab e1-HPD4-7.1.x86_64.r pm	MB014000JWZHC	HPD4 (G)	HPD4
943	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	firmware-hdd-cf0b6cab e1-HPD4-7.1.x86_64.r pm	MB012000JWZHB	HPD4 (G)	HPD4
944	Online HDD/SSD Flash Component for Linux (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	firmware-hdd-8173816 d98-HPD6-3.1.x86_64.r pm	MB010000JYDKK	HPD6 (C)	HPD6
945	Online HDD/SSD Flash Component for Linux (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	firmware-hdd-8173816 d98-HPD6-3.1.x86_64.r pm	MB012000JYCJF	HPD6 (C)	HPD6
946	Online HDD/SSD Flash Component for Linux (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	firmware-hdd-8173816 d98-HPD6-3.1.x86_64.r pm	MB014000JYCJV	HPD6 (C)	HPD6
947	Online HDD/SSD Flash Component for Linux (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	firmware-hdd-8173816 d98-HPD6-3.1.x86_64.r pm	MB016000JYDKL	HPD6 (C)	HPD6
948	Online HDD/SSD Flash Component for Linux (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	firmware-hdd-8173816 d98-HPD6-3.1.x86_64.r pm	MB018000JYDKN	HPD6 (C)	HPD6
949	Online HDD/SSD Flash Component for Linux (x64) - MB012000JZYVN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives	firmware-hdd-87b796d 9ae-HPD6-1.1.x86_64.r pm	MB012000JZYVN	HPD6	HPD6
950	Online HDD/SSD Flash Component for Linux (x64) - MB012000JZYVN,	firmware-hdd-87b796d 9ae-HPD6-1.1.x86_64.r	MB014000JZYVP	HPD6	HPD6

	MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives	pm			
951	Online HDD/SSD Flash Component for Linux (x64) - MB012000JZYN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives	firmware-hdd-87b796d9ae-HPD6-1.1.x86_64.rpm	MB016000JZYVQ	HPD6	HPD6
952	Online HDD/SSD Flash Component for Linux (x64) - MB012000JZYN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives	firmware-hdd-87b796d9ae-HPD6-1.1.x86_64.rpm	MB018000JYCLK	HPD6	HPD6
953	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	firmware-hdd-10385ef3e6-HPD2-15.1.x86_64.rpm	MB014000JWRTH	HPD2 (O)	HPD2
954	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	firmware-hdd-10385ef3e6-HPD2-15.1.x86_64.rpm	MB012000JWRTF	HPD2 (O)	HPD2
955	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	firmware-hdd-10385ef3e6-HPD2-15.1.x86_64.rpm	MB010000JWRTE	HPD2 (O)	HPD2
956	Online HDD/SSD Flash Component for Linux (x64) - MB014000JUDB Drive	firmware-hdd-cfd7436fcc-HPD4-5.1.x86_64.rpm	MB014000JUDB	HPD4 (E)	HPD4
957	Online HDD/SSD Flash Component for Linux (x64) - MB014000JUCC Drive	firmware-hdd-017797f12e-HPD4-6.1.x86_64.rpm	MB014000JUCC	HPD4 (F)	HPD4
958	Online HDD/SSD Flash Component for Linux (x64) - MB016000JXKH Drive	firmware-hdd-8a0371a425-HPDC-3.1.x86_64.rpm	MB016000JXKH	HPDC (C)	HPDC
959	Online HDD/SSD Flash Component for Linux (x64) - MB016000JLBA and MB018000JLAU Drives	firmware-hdd-d550523365-HPD3-6.1.x86_64.rpm	MB016000JLBA	HPD3 (F)	HPD3
960	Online HDD/SSD Flash Component for Linux (x64) - MB016000JLBA and MB018000JLAU Drives	firmware-hdd-d550523365-HPD3-6.1.x86_64.rpm	MB018000JLAU	HPD3 (F)	HPD3
961	Online HDD/SSD Flash Component for Linux (x64) - MB018000JXMT and MB020000JXMTP Drives	firmware-hdd-020fc874ad-HPD3-3.1.x86_64.rpm	MB020000JXMTP	HPD3 (C)	HPD3
962	Online HDD/SSD Flash Component for Linux (x64) - MB018000JXMT and MB020000JXMTP Drives	firmware-hdd-020fc874ad-HPD3-3.1.x86_64.rpm	MB018000JXMT	HPD3 (C)	HPD3
963	Online HDD/SSD Flash Component for Linux (x64) - MO000400JUFT, MO000800JUFT, MO001600JUFT, MO003200JUFT, MO006400JUFT, EO000400JUFT, EO000800JUFT and EO001600JUFT Drives	firmware-hdd-ef93133161-HPD4-4.1.x86_64.rpm	MO006400JUFT	HPD4 (D)	HPD4
964	Online HDD/SSD Flash Component for Linux (x64) - MO000400JUFT, MO000800JUFT, MO001600JUFT, MO003200JUFT, MO006400JUFT, EO000400JUFT, EO000800JUFT and EO001600JUFT Drives	firmware-hdd-ef93133161-HPD4-4.1.x86_64.rpm	MO003200JUFT	HPD4 (D)	HPD4
965	Online HDD/SSD Flash Component for Linux (x64) - MO000400JUFT, MO000800JUFT, MO001600JUFT, MO003200JUFT, MO006400JUFT, EO000400JUFT, EO000800JUFT and EO001600JUFT Drives	firmware-hdd-ef93133161-HPD4-4.1.x86_64.rpm	MO001600JUFT	HPD4 (D)	HPD4

	EO001600JWUGE Drives				
966	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd-ef93133161-HPD4-4.1.x86_64.rpm	EO001600JWUGE	HPD4 (D)	HPD4
967	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd-ef93133161-HPD4-4.1.x86_64.rpm	MO000800JWUFU	HPD4 (D)	HPD4
968	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd-ef93133161-HPD4-4.1.x86_64.rpm	EO000800JWUGD	HPD4 (D)	HPD4
969	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd-ef93133161-HPD4-4.1.x86_64.rpm	MO000400JWUFT	HPD4 (D)	HPD4
970	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd-ef93133161-HPD4-4.1.x86_64.rpm	EO000400JWUGC	HPD4 (D)	HPD4
971	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEB, MO001600JXBFB, MO003200JXBFBQ, MO006400JXBFB, MO000960JXBFA, MO001920JXBFT, MO003840JXBFB, MO007680JXBGA, MO015360JXBFBV, EO000400JXBEB, EO000800JXBFL and EO001600JXBFB Drives	firmware-hdd-24384980ec-HPD2-4.1.x86_64.rpm	MO000800JXBEB	HPD2 (D)	HPD2
972	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEB, MO001600JXBFB, MO003200JXBFBQ, MO006400JXBFB, MO000960JXBFA, MO001920JXBFT, MO003840JXBFB, MO007680JXBGA, MO015360JXBFBV, EO000400JXBEB, EO000800JXBFL and EO001600JXBFB Drives	firmware-hdd-24384980ec-HPD2-4.1.x86_64.rpm	MO001600JXBFB	HPD2 (D)	HPD2
973	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEB, MO001600JXBFB, MO003200JXBFBQ, MO006400JXBFB, MO000960JXBFA, MO001920JXBFT, MO003840JXBFB, MO007680JXBGA, MO015360JXBFBV, EO000400JXBEB, EO000800JXBFL and EO001600JXBFB Drives	firmware-hdd-24384980ec-HPD2-4.1.x86_64.rpm	MO003200JXBFBQ	HPD2 (D)	HPD2
974	Online HDD/SSD Flash Component for	firmware-hdd-2438498	MO006400JXBFB	HPD2 (D)	HPD2

	Linux (x64) - MO000800JBEBV, MO001600JBFBP, MO003200JBFBQ, MO006400JBFBF, MO000960JBFBFA, MO001920JBFBT, MO003840JBFBFV, MO007680JBFBGA, MO015360JBFBFV, EO000400JBEBU, EO000800JBFBFL and EO001600JBFBFN Drives	0ec-HPD2-4.1.x86_64.rpm			
975	Online HDD/SSD Flash Component for Linux (x64) - MO000800JBEBV, MO001600JBFBP, MO003200JBFBQ, MO006400JBFBF, MO000960JBFBFA, MO001920JBFBT, MO003840JBFBFV, MO007680JBFBGA, MO015360JBFBFV, EO000400JBEBU, EO000800JBFBFL and EO001600JBFBFN Drives	firmware-hdd-2438498 0ec-HPD2-4.1.x86_64.rpm	MO000960JBFBFA	HPD2 (D)	HPD2
976	Online HDD/SSD Flash Component for Linux (x64) - MO000800JBEBV, MO001600JBFBP, MO003200JBFBQ, MO006400JBFBF, MO000960JBFBFA, MO001920JBFBT, MO003840JBFBFV, MO007680JBFBGA, MO015360JBFBFV, EO000400JBEBU, EO000800JBFBFL and EO001600JBFBFN Drives	firmware-hdd-2438498 0ec-HPD2-4.1.x86_64.rpm	MO001920JBFBT	HPD2 (D)	HPD2
977	Online HDD/SSD Flash Component for Linux (x64) - MO000800JBEBV, MO001600JBFBP, MO003200JBFBQ, MO006400JBFBF, MO000960JBFBFA, MO001920JBFBT, MO003840JBFBFV, MO007680JBFBGA, MO015360JBFBFV, EO000400JBEBU, EO000800JBFBFL and EO001600JBFBFN Drives	firmware-hdd-2438498 0ec-HPD2-4.1.x86_64.rpm	MO003840JBFBFV	HPD2 (D)	HPD2
978	Online HDD/SSD Flash Component for Linux (x64) - MO000800JBEBV, MO001600JBFBP, MO003200JBFBQ, MO006400JBFBF, MO000960JBFBFA, MO001920JBFBT, MO003840JBFBFV, MO007680JBFBGA, MO015360JBFBFV, EO000400JBEBU, EO000800JBFBFL and EO001600JBFBFN Drives	firmware-hdd-2438498 0ec-HPD2-4.1.x86_64.rpm	MO007680JBFBGA	HPD2 (D)	HPD2
979	Online HDD/SSD Flash Component for Linux (x64) - MO000800JBEBV, MO001600JBFBP, MO003200JBFBQ, MO006400JBFBF, MO000960JBFBFA, MO001920JBFBT, MO003840JBFBFV, MO007680JBFBGA, MO015360JBFBFV, EO000400JBEBU, EO000800JBFBFL and EO001600JBFBFN Drives	firmware-hdd-2438498 0ec-HPD2-4.1.x86_64.rpm	MO015360JBFBFV	HPD2 (D)	HPD2
980	Online HDD/SSD Flash Component for Linux (x64) - MO000800JBEBV, MO001600JBFBP, MO003200JBFBQ, MO006400JBFBF, MO000960JBFBFA, MO001920JBFBT, MO003840JBFBFV, MO007680JBFBGA, MO015360JBFBFV, EO000400JBEBU, EO000800JBFBFL and EO001600JBFBFN Drives	firmware-hdd-2438498 0ec-HPD2-4.1.x86_64.rpm	EO000400JBEBU	HPD2 (D)	HPD2
981	Online HDD/SSD Flash Component for Linux (x64) - MO000800JBEBV, MO001600JBFBP, MO003200JBFBQ, MO006400JBFBF, MO000960JBFBFA, MO001920JBFBT, MO003840JBFBFV, MO007680JBFBGA, MO015360JBFBFV, EO000400JBEBU, EO000800JBFBFL and EO001600JBFBFN Drives	firmware-hdd-2438498 0ec-HPD2-4.1.x86_64.rpm	EO000800JBFBFL	HPD2 (D)	HPD2
982	Online HDD/SSD Flash Component for Linux (x64) - MO000800JBEBV, MO001600JBFBP, MO003200JBFBQ,	firmware-hdd-2438498 0ec-HPD2-4.1.x86_64.rpm	EO001600JBFBFN	HPD2 (D)	HPD2

	MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives				
983	Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	firmware-hdd-a07a420ed1-HPD5-6.1.x86_64.rpm	VO006400JWZJT	HPD5 (F)	HPD5
984	Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	firmware-hdd-a07a420ed1-HPD5-6.1.x86_64.rpm	VO003200JWZJR	HPD5 (F)	HPD5
985	Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	firmware-hdd-a07a420ed1-HPD5-6.1.x86_64.rpm	VO001600JWZJQ	HPD5 (F)	HPD5
986	Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	firmware-hdd-a07a420ed1-HPD5-6.1.x86_64.rpm	VO000800JWZJP	HPD5 (F)	HPD5
987	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA and EO001600JWTKB Drives	firmware-hdd-9ad359dac1-HPDB-5.1.x86_64.rpm	VO007680JWTKP	HPDB (E)	HPDB
988	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA and EO001600JWTKB Drives	firmware-hdd-9ad359dac1-HPDB-5.1.x86_64.rpm	MO006400JWTKD	HPDB (E)	HPDB
989	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA and EO001600JWTKB Drives	firmware-hdd-9ad359dac1-HPDB-5.1.x86_64.rpm	VO003840JWTKN	HPDB (E)	HPDB
990	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA and EO001600JWTKB Drives	firmware-hdd-9ad359dac1-HPDB-5.1.x86_64.rpm	MO003200JWTKU	HPDB (E)	HPDB
991	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA and EO001600JWTKB Drives	firmware-hdd-9ad359dac1-HPDB-5.1.x86_64.rpm	EO003200JWTKC	HPDB (E)	HPDB

992	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWTL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTA and EO001600JWTCB Drives	firmware-hdd-9ad359d ac1-HPDB-5.1.x86_64.rpm	VO001920JWTL	HPDB (E)	HPDB
993	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWTL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTA and EO001600JWTCB Drives	firmware-hdd-9ad359d ac1-HPDB-5.1.x86_64.rpm	MO001600JWBT	HPDB (E)	HPDB
994	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWTL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTA and EO001600JWTCB Drives	firmware-hdd-9ad359d ac1-HPDB-5.1.x86_64.rpm	EO001600JWTCB	HPDB (E)	HPDB
995	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWTL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTA and EO001600JWTCB Drives	firmware-hdd-9ad359d ac1-HPDB-5.1.x86_64.rpm	VO000960JWBK	HPDB (E)	HPDB
996	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWTL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTA and EO001600JWTCB Drives	firmware-hdd-9ad359d ac1-HPDB-5.1.x86_64.rpm	MO000800JWBR	HPDB (E)	HPDB
997	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWTL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTA and EO001600JWTCB Drives	firmware-hdd-9ad359d ac1-HPDB-5.1.x86_64.rpm	EO000800JWTA	HPDB (E)	HPDB
998	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWTL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTA and EO001600JWTCB Drives	firmware-hdd-9ad359d ac1-HPDB-5.1.x86_64.rpm	MO000400JWBQ	HPDB (E)	HPDB
999	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWTL, VO003840JWBN,	firmware-hdd-9ad359d ac1-HPDB-5.1.x86_64.rpm	EO000400JWBV	HPDB (E)	HPDB

	VO007680JWBTB, MO000400JWBTBQ, MO000800JWBTBR, MO001600JWBTBT, MO003200JWBTBU, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB and EO001600JWTCB Drives				
1000	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWBTBK, VO001920JWBTBL, VO003840JWBTBN, VO007680JWBTB, MO000400JWBTBQ, MO000800JWBTBR, MO001600JWBTBT, MO003200JWBTBU, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB and EO001600JWTCB Drives	firmware-hdd-9ad359d ac1-HPDB-5.1.x86_64.rpm	MO001920JWWWWV	HPDB (E)	HPDB
1001	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd-35fd2460 1f-HPD5-6.1.x86_64.rpm	VO015360JWZJN	HPD5 (F)	HPD5
1002	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd-35fd2460 1f-HPD5-6.1.x86_64.rpm	VO007680JWZJL	HPD5 (F)	HPD5
1003	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd-35fd2460 1f-HPD5-6.1.x86_64.rpm	VO003840JWZJK	HPD5 (F)	HPD5
1004	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd-35fd2460 1f-HPD5-6.1.x86_64.rpm	VO001920JWZJH	HPD5 (F)	HPD5
1005	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd-35fd2460 1f-HPD5-6.1.x86_64.rpm	VO000960JWZJF	HPD5 (F)	HPD5
1006	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb 2-HPD8-5.1.x86_64.rpm	VO007680RWUFC	HPD8 (E)	HPD8
1007	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb 2-HPD8-5.1.x86_64.rpm	VO003840RWUFF	HPD8 (E)	HPD8
1008	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb 2-HPD8-5.1.x86_64.rpm	VO003840RWUFB	HPD8 (E)	HPD8
1009	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb 2-HPD8-5.1.x86_64.rpm	VO001920RWUFE	HPD8 (E)	HPD8
1010	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV,	firmware-hdd-8fafc9efb 2-HPD8-5.1.x86_64.rpm	VO001920RWUFA	HPD8 (E)	HPD8

	VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives				
1011	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb2-HPD8-5.1.x86_64.rpm	VO000960RWUFD	HPD8 (E)	HPD8
1012	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb2-HPD8-5.1.x86_64.rpm	VO000960RWUEV	HPD8 (E)	HPD8
1013	Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	firmware-hdd-8f501d6cf1-HPD4-2.1.x86_64.rpm	VO003840XZCLT	HPD4 (B)	HPD4
1014	Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	firmware-hdd-8f501d6cf1-HPD4-2.1.x86_64.rpm	MO001600XZCLV	HPD4 (B)	HPD4
1015	Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	firmware-hdd-8f501d6cf1-HPD4-2.1.x86_64.rpm	MO000800XZCLQ	HPD4 (B)	HPD4
1016	Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	firmware-hdd-8f501d6cf1-HPD4-2.1.x86_64.rpm	VO007680XZCMB	HPD4 (B)	HPD4
1017	Online HDD/SSD Flash Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	CP070947.zip	EG001200JWJNK	HPD6 (B)	HPD6
1018	Online HDD/SSD Flash Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	CP070947.zip	EG000600JWJNH	HPD6 (B)	HPD6
1019	Online HDD/SSD Flash Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	CP070947.zip	EG000300JWSJP	HPD6 (B)	HPD6
1020	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	CP070932.zip	EG001200JWJNQ	HPD9 (B)	HPD9
1021	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	CP070932.zip	EG000600JWJNP	HPD9 (B)	HPD9
1022	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	CP070932.zip	EG001200MXJQU	HPD9 (B)	HPD9
1023	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	CP070932.zip	EG000600JXLVV	HPD9 (B)	HPD9
1024	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP,	CP070932.zip	EG001200JXLWA	HPD9 (B)	HPD9

	EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives				
1025	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNL and EG002400JWJNN Drives	CP070937.zip	EG002400JWJNN	HPD6 (B)	HPD6
1026	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNL and EG002400JWJNN Drives	CP070937.zip	EG001800JWJNL	HPD6 (B)	HPD6
1027	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	CP070933.zip	EG001800JWJNR	HPDB (C)	HPDB
1028	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	CP070933.zip	EG002400JWJNT	HPDB (C)	HPDB
1029	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	CP070933.zip	EG002400MXJQT	HPDB (C)	HPDB
1030	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	CP070933.zip	EG001800JXLWB	HPDB (C)	HPDB
1031	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	CP070933.zip	EG002400JXLWC	HPDB (C)	HPDB
1032	Online HDD/SSD Flash Component for VMware ESXi - EH000600JWCPF and EH000900JWCPH Drives	CP070935.zip	EH000600JWCPF	HPDD (C)	HPDD
1033	Online HDD/SSD Flash Component for VMware ESXi - EH000600JWCPF and EH000900JWCPH Drives	CP070935.zip	EH000900JWCPH	HPDD (C)	HPDD
1034	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPK and EH000600JWHPH Drives	CP070949.zip	EH000900JWHPK	HPD9 (B)	HPD9
1035	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPK and EH000600JWHPH Drives	CP070949.zip	EH000600JWHPH	HPD9 (B)	HPD9
1036	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	CP070948.zip	EH000900JWHPP	HPD9 (B)	HPD9
1037	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	CP070948.zip	EH000600JWHPN	HPD9 (B)	HPD9
1038	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	CP070948.zip	EH000300JWHPL	HPD9 (B)	HPD9
1039	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP070961.zip	MO003200JWDLB	HPD3 (C)	HPD3
1040	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP,	CP070961.zip	MO001600JWDLA	HPD3 (C)	HPD3

	EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives				
1041	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP070961.zip	EO001600JWDKR	HPD3 (C)	HPD3
1042	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP070961.zip	MO000800JWDKV	HPD3 (C)	HPD3
1043	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP070961.zip	EO000800JWDKQ	HPD3 (C)	HPD3
1044	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP070961.zip	MO000400JWDKU	HPD3 (C)	HPD3
1045	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP070961.zip	EO000400JWDKP	HPD3 (C)	HPD3
1046	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDBN, VO001920PXDCH, VO003840PXDCH, VO007680PXDCH and VO015300PXDCH Drives	CP070928.zip	EO000800PXDCK	HPD5 (B)	HPD5
1047	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDBN, VO001920PXDCH, VO003840PXDCH, VO007680PXDCH and VO015300PXDCH Drives	CP070928.zip	MO000800PXDBP	HPD5 (B)	HPD5
1048	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDBN, VO001920PXDCH, VO003840PXDCH, VO007680PXDCH and VO015300PXDCH Drives	CP070928.zip	EO000400PXDBQ	HPD5 (B)	HPD5
1049	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDBN, VO001920PXDCH, VO003840PXDCH, VO007680PXDCH and VO015300PXDCH Drives	CP070928.zip	EO001600PXDCH	HPD5 (B)	HPD5

1050	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT, VO007680PXDDBU and VO015300PXDDBV Drives	CP070928.zip	MO001600PXDCC	HPD5 (B)	HPD5
1051	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT, VO007680PXDDBU and VO015300PXDDBV Drives	CP070928.zip	MO006400PXDCE	HPD5 (B)	HPD5
1052	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT, VO007680PXDDBU and VO015300PXDDBV Drives	CP070928.zip	VO007680PXDDBU	HPD5 (B)	HPD5
1053	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT, VO007680PXDDBU and VO015300PXDDBV Drives	CP070928.zip	VO001920PXDDBR	HPD5 (B)	HPD5
1054	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT, VO007680PXDDBU and VO015300PXDDBV Drives	CP070928.zip	VO015300PXDDBV	HPD5 (B)	HPD5
1055	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT, VO007680PXDDBU and VO015300PXDDBV Drives	CP070928.zip	MO003200PXDCE	HPD5 (B)	HPD5
1056	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT, VO007680PXDDBU and VO015300PXDDBV Drives	CP070928.zip	VO000960PXDDBN	HPD5 (B)	HPD5
1057	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT, VO007680PXDDBU and VO015300PXDDBV Drives	CP070928.zip	VO003840PXDDBT	HPD5 (B)	HPD5
1058	Online HDD/SSD Flash Component for VMware ESXi - MB002000JYDNE and	CP070976.zip	MB004000JYDPB	HPD6 (B)	HPD6

	MB004000JYDPB Drives				
1059	Online HDD/SSD Flash Component for VMware ESXi - MB002000JYDNE and MB004000JYDPB Drives	CP070976.zip	MB002000JYDNE	HPD6 (B)	HPD6
1060	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWKGU Drive	CP070970.zip	MB004000JWKGU	HPD2 (G)	HPD2
1061	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWWQB and MB002000JWWQA Drives	CP070946.zip	MB004000JWWQB	HPD8 (D)	HPD8
1062	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWWQB and MB002000JWWQA Drives	CP070946.zip	MB002000JWWQA	HPD8 (D)	HPD8
1063	Online HDD/SSD Flash Component for VMware ESXi - MB006000JWKGN Drive	CP070971.zip	MB006000JWKGN	HPD2 (G)	HPD2
1064	Online HDD/SSD Flash Component for VMware ESXi - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives	CP070977.zip	MB006000JYDNF	HPD5 (B)	HPD5
1065	Online HDD/SSD Flash Component for VMware ESXi - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives	CP070977.zip	MB008000JYDPC	HPD5 (B)	HPD5
1066	Online HDD/SSD Flash Component for VMware ESXi - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives	CP070977.zip	MB010000JYDNH	HPD5 (B)	HPD5
1067	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWJRQ and MB006000JWJRP Drives	CP070956.zip	MB008000JWJRQ	HPD9 (H)	HPD9
1068	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWJRQ and MB006000JWJRP Drives	CP070956.zip	MB006000JWJRP	HPD9 (H)	HPD9
1069	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWRTD Drive	CP070967.zip	MB008000JWRTD	HPD2 (H)	HPD2
1070	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWWQP and MB006000JWWQN Drives	CP070945.zip	MB006000JWWQN	HPD8 (D)	HPD8
1071	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWWQP and MB006000JWWQN Drives	CP070945.zip	MB008000JWWQP	HPD8 (D)	HPD8
1072	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	CP070981.zip	MB010000JWZHA	HPD4 (D)	HPD4
1073	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	CP070981.zip	MB012000JWZHB	HPD4 (D)	HPD4
1074	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	CP070981.zip	MB016000JWZHE	HPD4 (D)	HPD4
1075	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	CP070981.zip	MB014000JWZHC	HPD4 (D)	HPD4
1076	Online HDD/SSD Flash Component for VMware ESXi - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	CP070974.zip	MB010000JYDKK	HPD6 (B)	HPD6
1077	Online HDD/SSD Flash Component for VMware ESXi - MB010000JYDKK,	CP070974.zip	MB012000JYCJF	HPD6 (B)	HPD6

	MB012000JYCJF, MB014000JYCV, MB016000JYDKL and MB018000JYDKN Drives				
1078	Online HDD/SSD Flash Component for VMware ESXi - MB010000JYDKK, MB012000JYCJF, MB014000JYCV, MB016000JYDKL and MB018000JYDKN Drives	CP070974.zip	MB014000JYCV	HPD6 (B)	HPD6
1079	Online HDD/SSD Flash Component for VMware ESXi - MB010000JYDKK, MB012000JYCJF, MB014000JYCV, MB016000JYDKL and MB018000JYDKN Drives	CP070974.zip	MB016000JYDKL	HPD6 (B)	HPD6
1080	Online HDD/SSD Flash Component for VMware ESXi - MB010000JYDKK, MB012000JYCJF, MB014000JYCV, MB016000JYDKL and MB018000JYDKN Drives	CP070974.zip	MB018000JYDKN	HPD6 (B)	HPD6
1081	Online HDD/SSD Flash Component for VMware ESXi - MB012000JZYVN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives	CP070061.zip	MB012000JZYVN	HPD6	HPD6
1082	Online HDD/SSD Flash Component for VMware ESXi - MB012000JZYVN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives	CP070061.zip	MB014000JZYVP	HPD6	HPD6
1083	Online HDD/SSD Flash Component for VMware ESXi - MB012000JZYVN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives	CP070061.zip	MB016000JZYVQ	HPD6	HPD6
1084	Online HDD/SSD Flash Component for VMware ESXi - MB012000JZYVN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives	CP070061.zip	MB018000JYCLK	HPD6	HPD6
1085	Online HDD/SSD Flash Component for VMware ESXi - MB014000JWUDB Drive	CP070964.zip	MB014000JWUDB	HPD4 (D)	HPD4
1086	Online HDD/SSD Flash Component for VMware ESXi - MB014000JXUCC Drive	CP070962.zip	MB014000JXUCC	HPD4 (D)	HPD4
1087	Online HDD/SSD Flash Component for VMware ESXi - MB016000JWXKH Drive	CP070951.zip	MB016000JWXKH	HPDC (C)	HPDC
1088	Online HDD/SSD Flash Component for VMware ESXi - MB016000JXLBA and MB018000JXLAU Drives	CP070963.zip	MB016000JXLBA	HPD3 (D)	HPD3
1089	Online HDD/SSD Flash Component for VMware ESXi - MB016000JXLBA and MB018000JXLAU Drives	CP070963.zip	MB018000JXLAU	HPD3 (D)	HPD3
1090	Online HDD/SSD Flash Component for VMware ESXi - MB018000JXMTH and MB020000JXMTP Drives	CP070973.zip	MB018000JXMTH	HPD3 (C)	HPD3
1091	Online HDD/SSD Flash Component for VMware ESXi - MB018000JXMTH and MB020000JXMTP Drives	CP070973.zip	MB020000JXMTP	HPD3 (C)	HPD3
1092	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP070985.zip	MO006400JWUGB	HPD4 (C)	HPD4
1093	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV,	CP070985.zip	MO003200JWUGA	HPD4 (C)	HPD4

	MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives				
1094	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP070985.zip	MO001600JWUFV	HPD4 (C)	HPD4
1095	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP070985.zip	EO001600JWUGE	HPD4 (C)	HPD4
1096	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP070985.zip	MO000800JWUFU	HPD4 (C)	HPD4
1097	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP070985.zip	EO000800JWUGD	HPD4 (C)	HPD4
1098	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP070985.zip	MO000400JWUFT	HPD4 (C)	HPD4
1099	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP070985.zip	EO000400JWUGC	HPD4 (C)	HPD4
1100	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP070983.zip	MO000800JXBEV	HPD2 (C)	HPD2
1101	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV,	CP070983.zip	MO001600JXBFP	HPD2 (C)	HPD2

	EO000400JBUEU, EO000800JBFL and EO001600JBFN Drives				
1102	Online HDD/SSD Flash Component for VMware ESXi - MO000800JBUEV, MO001600JBFP, MO003200JBFQ, MO006400JBFR, MO000960JBFA, MO001920JBFT, MO003840JBFU, MO007680JBGA, MO015360JBFV, EO000400JBUEU, EO000800JBFL and EO001600JBFN Drives	CP070983.zip	MO003200JBFQ	HPD2 (C)	HPD2
1103	Online HDD/SSD Flash Component for VMware ESXi - MO000800JBUEV, MO001600JBFP, MO003200JBFQ, MO006400JBFR, MO000960JBFA, MO001920JBFT, MO003840JBFU, MO007680JBGA, MO015360JBFV, EO000400JBUEU, EO000800JBFL and EO001600JBFN Drives	CP070983.zip	MO006400JBFR	HPD2 (C)	HPD2
1104	Online HDD/SSD Flash Component for VMware ESXi - MO000800JBUEV, MO001600JBFP, MO003200JBFQ, MO006400JBFR, MO000960JBFA, MO001920JBFT, MO003840JBFU, MO007680JBGA, MO015360JBFV, EO000400JBUEU, EO000800JBFL and EO001600JBFN Drives	CP070983.zip	MO000960JBFA	HPD2 (C)	HPD2
1105	Online HDD/SSD Flash Component for VMware ESXi - MO000800JBUEV, MO001600JBFP, MO003200JBFQ, MO006400JBFR, MO000960JBFA, MO001920JBFT, MO003840JBFU, MO007680JBGA, MO015360JBFV, EO000400JBUEU, EO000800JBFL and EO001600JBFN Drives	CP070983.zip	MO001920JBFT	HPD2 (C)	HPD2
1106	Online HDD/SSD Flash Component for VMware ESXi - MO000800JBUEV, MO001600JBFP, MO003200JBFQ, MO006400JBFR, MO000960JBFA, MO001920JBFT, MO003840JBFU, MO007680JBGA, MO015360JBFV, EO000400JBUEU, EO000800JBFL and EO001600JBFN Drives	CP070983.zip	MO003840JBFU	HPD2 (C)	HPD2
1107	Online HDD/SSD Flash Component for VMware ESXi - MO000800JBUEV, MO001600JBFP, MO003200JBFQ, MO006400JBFR, MO000960JBFA, MO001920JBFT, MO003840JBFU, MO007680JBGA, MO015360JBFV, EO000400JBUEU, EO000800JBFL and EO001600JBFN Drives	CP070983.zip	MO007680JBGA	HPD2 (C)	HPD2
1108	Online HDD/SSD Flash Component for VMware ESXi - MO000800JBUEV, MO001600JBFP, MO003200JBFQ, MO006400JBFR, MO000960JBFA, MO001920JBFT, MO003840JBFU, MO007680JBGA, MO015360JBFV, EO000400JBUEU, EO000800JBFL and EO001600JBFN Drives	CP070983.zip	MO015360JBFV	HPD2 (C)	HPD2
1109	Online HDD/SSD Flash Component for VMware ESXi - MO000800JBUEV, MO001600JBFP, MO003200JBFQ, MO006400JBFR, MO000960JBFA, MO001920JBFT, MO003840JBFU, MO007680JBGA, MO015360JBFV, EO000400JBUEU, EO000800JBFL and EO001600JBFN Drives	CP070983.zip	EO000400JBUEU	HPD2 (C)	HPD2

1110	Online HDD/SSD Flash Component for VMware ESXi - MO000800JBEBV, MO001600JBFBP, MO003200JBFBQ, MO006400JBFBP, MO000960JBFA, MO001920JBFT, MO003840JBFBQ, MO007680JBGA, MO015360JBFBV, EO000400JBEBU, EO000800JBFL and EO001600JBFBN Drives	CP070983.zip	EO000800JBFL	HPD2 (C)	HPD2
1111	Online HDD/SSD Flash Component for VMware ESXi - MO000800JBEBV, MO001600JBFBP, MO003200JBFBQ, MO006400JBFBP, MO000960JBFA, MO001920JBFT, MO003840JBFBQ, MO007680JBGA, MO015360JBFBV, EO000400JBEBU, EO000800JBFL and EO001600JBFBN Drives	CP070983.zip	EO001600JBFBN	HPD2 (C)	HPD2
1112	Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	CP070912.zip	VO006400JWZJT	HPD5 (D)	HPD5
1113	Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	CP070912.zip	VO003200JWZJR	HPD5 (D)	HPD5
1114	Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	CP070912.zip	VO001600JWZJQ	HPD5 (D)	HPD5
1115	Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	CP070912.zip	VO000800JWZJP	HPD5 (D)	HPD5
1116	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWBK, VO001920JWBK, VO003840JWBK, VO007680JWBK, MO000400JWBK, MO000800JWBK, MO001600JWBK, MO003200JWBK, MO006400JWBK, EO000400JWBK, EO000800JWBK, EO001600JWBK Drives	CP070926.zip	VO007680JWBK	HPDB (D)	HPDB
1117	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWBK, VO001920JWBK, VO003840JWBK, VO007680JWBK, MO000400JWBK, MO000800JWBK, MO001600JWBK, MO003200JWBK, MO006400JWBK, EO000400JWBK, EO000800JWBK, EO001600JWBK Drives	CP070926.zip	MO006400JWBK	HPDB (D)	HPDB
1118	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWBK, VO001920JWBK, VO003840JWBK, VO007680JWBK, MO000400JWBK, MO000800JWBK, MO001600JWBK, MO003200JWBK, MO006400JWBK, EO000400JWBK, EO000800JWBK, EO001600JWBK Drives	CP070926.zip	VO003840JWBK	HPDB (D)	HPDB
1119	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWBK, VO001920JWBK, VO003840JWBK, VO007680JWBK, MO000400JWBK, MO000800JWBK, MO001600JWBK, MO003200JWBK, MO006400JWBK, EO000400JWBK, EO000800JWBK, EO001600JWBK Drives	CP070926.zip	MO003200JWBK	HPDB (D)	HPDB

	EO000800JWTCB, EO001600JWTCB Drives				
1120	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTCB, EO001600JWTCB Drives	CP070926.zip	EO003200JWTKC	HPDB (D)	HPDB
1121	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTCB, EO001600JWTCB Drives	CP070926.zip	VO001920JWTKL	HPDB (D)	HPDB
1122	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTCB, EO001600JWTCB Drives	CP070926.zip	MO001600JWTKT	HPDB (D)	HPDB
1123	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTCB, EO001600JWTCB Drives	CP070926.zip	EO001600JWTKB	HPDB (D)	HPDB
1124	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTCB, EO001600JWTCB Drives	CP070926.zip	VO000960JWTKB	HPDB (D)	HPDB
1125	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTCB, EO001600JWTCB Drives	CP070926.zip	MO000800JWTKR	HPDB (D)	HPDB
1126	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTCB, EO001600JWTCB Drives	CP070926.zip	EO000800JWTCB	HPDB (D)	HPDB
1127	Online HDD/SSD Flash Component for	CP070926.zip	MO000400JWTKQ	HPDB (D)	HPDB

	VMware ESXi - VO000960JWBK, VO001920JWBL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTC, EO001600JWTCB Drives				
1128	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWBK, VO001920JWBL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTC, EO001600JWTCB Drives	CP070926.zip	EO000400JWBV	HPDB (D)	HPDB
1129	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWBK, VO001920JWBL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTC, EO001600JWTCB Drives	CP070926.zip	MO001920JWWWV	HPDB (D)	HPDB
1130	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP070916.zip	VO015360JWZJN	HPD5 (D)	HPD5
1131	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP070916.zip	VO007680JWZJL	HPD5 (D)	HPD5
1132	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP070916.zip	VO003840JWZJK	HPD5 (D)	HPD5
1133	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP070916.zip	VO001920JWZJH	HPD5 (D)	HPD5
1134	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP070916.zip	VO000960JWZJF	HPD5 (D)	HPD5
1135	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP070927.zip	VO007680RWUFC	HPD8 (D)	HPD8
1136	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP070927.zip	VO003840RWUFF	HPD8 (D)	HPD8
1137	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB,	CP070927.zip	VO003840RWUFB	HPD8 (D)	HPD8

	VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives				
1138	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP070927.zip	VO001920RWUFE	HPD8 (D)	HPD8
1139	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP070927.zip	VO001920RWUFA	HPD8 (D)	HPD8
1140	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP070927.zip	VO000960RWUFD	HPD8 (D)	HPD8
1141	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP070927.zip	VO000960RWUEV	HPD8 (D)	HPD8
1142	Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	CP070929.zip	VO003840XZCLT	HPD4 (B)	HPD4
1143	Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	CP070929.zip	MO001600XZCLV	HPD4 (B)	HPD4
1144	Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	CP070929.zip	MO000800XZCLQ	HPD4 (B)	HPD4
1145	Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	CP070929.zip	VO007680XZCMB	HPD4 (B)	HPD4
1146	Online HDD/SSD Flash Component for VMware ESXi - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	CP070938.zip	MB014000JWRTH	HPD2 (K)	HPD2
1147	Online HDD/SSD Flash Component for VMware ESXi - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	CP070938.zip	MB012000JWRTF	HPD2 (K)	HPD2
1148	Online HDD/SSD Flash Component for VMware ESXi - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	CP070938.zip	MB010000JWRTE	HPD2 (K)	HPD2
1149	Online HDD/SSD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	cp068763.exe	EG001200JWJNK	HPD6 (B)	HPD6
1150	Online HDD/SSD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	cp068763.exe	EG000600JWJNH	HPD6 (B)	HPD6
1151	Online HDD/SSD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and	cp068763.exe	EG000300JWSJP	HPD6 (B)	HPD6

	EG001200JWJNK Drives				
1152	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	cp068653.exe	EG001200MXJQU	HPD9 (B)	HPD9
1153	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	cp068653.exe	EG000600JXLVV	HPD9 (B)	HPD9
1154	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	cp068653.exe	EG001200JXLWA	HPD9 (B)	HPD9
1155	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	cp068653.exe	EG000600JWJNP	HPD9 (B)	HPD9
1156	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	cp068653.exe	EG001200JWJNQ	HPD9 (B)	HPD9
1157	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNL and EG002400JWJNN Drives	cp068764.exe	EG002400JWJNN	HPD6 (B)	HPD6
1158	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNL and EG002400JWJNN Drives	cp068764.exe	EG001800JWJNL	HPD6 (B)	HPD6
1159	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	cp068655.exe	EG001800JWJNR	HPDB (C)	HPDB
1160	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	cp068655.exe	EG002400JWJNT	HPDB (C)	HPDB
1161	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	cp068655.exe	EG002400MXJQT	HPDB (C)	HPDB
1162	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	cp068655.exe	EG001800JXLWB	HPDB (C)	HPDB
1163	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	cp068655.exe	EG002400JXLWC	HPDB (C)	HPDB
1164	Online HDD/SSD Flash Component for Windows (x64) - EH000600JWCPF and EH000900JWCPH Drives	cp068657.exe	EH000600JWCPF	HPDD (C)	HPDD
1165	Online HDD/SSD Flash Component for Windows (x64) - EH000600JWCPF and EH000900JWCPH Drives	cp068657.exe	EH000900JWCPH	HPDD (C)	HPDD
1166	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPK and EH000600JWHPH Drives	cp068760.exe	EH000600JWHPH	HPD9 (B)	HPD9

1167	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPK and EH000600JWHPH Drives	cp068760.exe	EH000900JWHPK	HPD9 (B)	HPD9
1168	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	cp068761.exe	EH000300JWHPL	HPD9 (B)	HPD9
1169	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	cp068761.exe	EH000600JWHPN	HPD9 (B)	HPD9
1170	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	cp068761.exe	EH000900JWHPP	HPD9 (B)	HPD9
1171	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp068751.exe	EO001600JWDKR	HPD3 (C)	HPD3
1172	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp068751.exe	MO001600JWDLA	HPD3 (C)	HPD3
1173	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp068751.exe	MO003200JWDLB	HPD3 (C)	HPD3
1174	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp068751.exe	EO000400JWDKP	HPD3 (C)	HPD3
1175	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp068751.exe	MO000400JWDKU	HPD3 (C)	HPD3
1176	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp068751.exe	EO000800JWDKQ	HPD3 (C)	HPD3
1177	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp068751.exe	MO000800JWDKV	HPD3 (C)	HPD3
1178	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDCK, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDCE, VO001920PXDCE, VO003840PXDCE, VO007680PXDCE and VO015300PXDCE Drives	cp068650.exe	EO000800PXDCK	HPD5 (B)	HPD5
1179	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDCK, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDCE, VO001920PXDCE, VO003840PXDCE, VO007680PXDCE and VO015300PXDCE Drives	cp068650.exe	MO000800PXDBP	HPD5 (B)	HPD5

	Windows (x64) - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDCH, VO001920PXDCH, VO003840PXDCH, VO007680PXDCH and VO015300PXDCH Drives				
1180	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDCH, VO001920PXDCH, VO003840PXDCH, VO007680PXDCH and VO015300PXDCH Drives	cp068650.exe	EO000400PXBQ	HPD5 (B)	HPD5
1181	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDCH, VO001920PXDCH, VO003840PXDCH, VO007680PXDCH and VO015300PXDCH Drives	cp068650.exe	EO001600PXDCH	HPD5 (B)	HPD5
1182	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDCH, VO001920PXDCH, VO003840PXDCH, VO007680PXDCH and VO015300PXDCH Drives	cp068650.exe	MO001600PXDCC	HPD5 (B)	HPD5
1183	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDCH, VO001920PXDCH, VO003840PXDCH, VO007680PXDCH and VO015300PXDCH Drives	cp068650.exe	MO006400PXDCE	HPD5 (B)	HPD5
1184	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDCH, VO001920PXDCH, VO003840PXDCH, VO007680PXDCH and VO015300PXDCH Drives	cp068650.exe	VO007680PXDCH	HPD5 (B)	HPD5
1185	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDCH, VO001920PXDCH, VO003840PXDCH, VO007680PXDCH and VO015300PXDCH Drives	cp068650.exe	VO001920PXDCH	HPD5 (B)	HPD5
1186	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDCH, VO001920PXDCH, VO003840PXDCH, VO007680PXDCH and VO015300PXDCH Drives	cp068650.exe	VO015300PXDCH	HPD5 (B)	HPD5
1187	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCE, MO006400PXDCE, VO000960PXDCH, VO001920PXDCH, VO003840PXDCH, VO007680PXDCH and VO015300PXDCH Drives	cp068650.exe	MO003200PXDCE	HPD5 (B)	HPD5

	MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives				
1188	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp068650.exe	VO000960PXDBN	HPD5 (B)	HPD5
1189	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp068650.exe	VO003840PXDBT	HPD5 (B)	HPD5
1190	Online HDD/SSD Flash Component for Windows (x64) - MB002000JYDNE and MB004000JYDPB Drives	cp068736.exe	MB004000JYDPB	HPD6 (B)	HPD6
1191	Online HDD/SSD Flash Component for Windows (x64) - MB002000JYDNE and MB004000JYDPB Drives	cp068736.exe	MB002000JYDNE	HPD6 (B)	HPD6
1192	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWKGU Drive	cp068742.exe	MB004000JWKGU	HPD2 (G)	HPD2
1193	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWWQB and MB002000JWWQA Drives	cp068732.exe	MB004000JWWQB	HPD8 (E)	HPD8
1194	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWWQB and MB002000JWWQA Drives	cp068732.exe	MB002000JWWQA	HPD8 (E)	HPD8
1195	Online HDD/SSD Flash Component for Windows (x64) - MB006000JWKGN Drive	cp068741.exe	MB006000JWKGN	HPD2 (G)	HPD2
1196	Online HDD/SSD Flash Component for Windows (x64) - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives	cp068735.exe	MB006000JYDNF	HPD5 (B)	HPD5
1197	Online HDD/SSD Flash Component for Windows (x64) - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives	cp068735.exe	MB008000JYDPC	HPD5 (B)	HPD5
1198	Online HDD/SSD Flash Component for Windows (x64) - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives	cp068735.exe	MB010000JYDNH	HPD5 (B)	HPD5
1199	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWJRQ and MB006000JWJRP Drives	cp068757.exe	MB008000JWJRQ	HPD9 (H)	HPD9
1200	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWJRQ and MB006000JWJRP Drives	cp068757.exe	MB006000JWJRP	HPD9 (H)	HPD9
1201	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWRTD Drive	cp068745.exe	MB008000JWRTD	HPD2 (H)	HPD2
1202	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWWQP and MB006000JWWQN Drives	cp068731.exe	MB006000JWWQN	HPD8 (E)	HPD8
1203	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWWQP and MB006000JWWQN Drives	cp068731.exe	MB008000JWWQP	HPD8 (E)	HPD8

1204	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	cp068734.exe	MB010000JWZHA	HPD4 (E)	HPD4
1205	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	cp068734.exe	MB012000JWZHB	HPD4 (E)	HPD4
1206	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	cp068734.exe	MB014000JWZHC	HPD4 (E)	HPD4
1207	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	cp068734.exe	MB016000JWZHE	HPD4 (E)	HPD4
1208	Online HDD/SSD Flash Component for Windows (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	cp068738.exe	MB010000JYDKK	HPD6 (B)	HPD6
1209	Online HDD/SSD Flash Component for Windows (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	cp068738.exe	MB012000JYCJF	HPD6 (B)	HPD6
1210	Online HDD/SSD Flash Component for Windows (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	cp068738.exe	MB014000JYCJV	HPD6 (B)	HPD6
1211	Online HDD/SSD Flash Component for Windows (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	cp068738.exe	MB016000JYDKL	HPD6 (B)	HPD6
1212	Online HDD/SSD Flash Component for Windows (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	cp068738.exe	MB018000JYDKN	HPD6 (B)	HPD6
1213	Online HDD/SSD Flash Component for Windows (x64) - MB012000JZYVN, MB014000JZYVP, MB016000JZVQ and MB018000JYCLK Drives	cp070058.exe	MB012000JZYVN	HPD6	HPD6
1214	Online HDD/SSD Flash Component for Windows (x64) - MB012000JZYVN, MB014000JZYVP, MB016000JZVQ and MB018000JYCLK Drives	cp070058.exe	MB014000JZYVP	HPD6	HPD6
1215	Online HDD/SSD Flash Component for Windows (x64) - MB012000JZYVN, MB014000JZYVP, MB016000JZVQ and MB018000JYCLK Drives	cp070058.exe	MB016000JZVQ	HPD6	HPD6
1216	Online HDD/SSD Flash Component for Windows (x64) - MB012000JZYVN, MB014000JZYVP, MB016000JZVQ and MB018000JYCLK Drives	cp070058.exe	MB018000JYCLK	HPD6	HPD6
1217	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	cp068659.exe	MB014000JWRTH	HPD2 (J)	HPD2
1218	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	cp068659.exe	MB012000JWRTF	HPD2 (J)	HPD2
1219	Online HDD/SSD Flash Component for	cp068659.exe	MB010000JWRTE	HPD2 (J)	HPD2

	Windows (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives				
1220	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWUDB Drive	cp068748.exe	MB014000JWUDB	HPD4 (D)	HPD4
1221	Online HDD/SSD Flash Component for Windows (x64) - MB014000JXUCC Drive	cp068750.exe	MB014000JXUCC	HPD4 (D)	HPD4
1222	Online HDD/SSD Flash Component for Windows (x64) - MB016000JWXKH Drive	cp068758.exe	MB016000JWXKH	HPDC (C)	HPDC
1223	Online HDD/SSD Flash Component for Windows (x64) - MB016000JXLBA and MB018000JXLAU Drives	cp068749.exe	MB016000JXLBA	HPD3 (D)	HPD3
1224	Online HDD/SSD Flash Component for Windows (x64) - MB016000JXLBA and MB018000JXLAU Drives	cp068749.exe	MB018000JXLAU	HPD3 (D)	HPD3
1225	Online HDD/SSD Flash Component for Windows (x64) - MB018000JXMTH and MB020000JXMTP Drives	cp068739.exe	MB020000JXMTP	HPD3 (C)	HPD3
1226	Online HDD/SSD Flash Component for Windows (x64) - MB018000JXMTH and MB020000JXMTP Drives	cp068739.exe	MB018000JXMTH	HPD3 (C)	HPD3
1227	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp068753.exe	MO006400JWUGB	HPD4 (C)	HPD4
1228	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp068753.exe	MO003200JWUGA	HPD4 (C)	HPD4
1229	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp068753.exe	MO001600JWUFV	HPD4 (C)	HPD4
1230	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp068753.exe	EO001600JWUGE	HPD4 (C)	HPD4
1231	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp068753.exe	MO000800JWUFU	HPD4 (C)	HPD4
1232	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT,	cp068753.exe	EO000800JWUGD	HPD4 (C)	HPD4

	MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives				
1233	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp068753.exe	MO000400JWUFT	HPD4 (C)	HPD4
1234	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp068753.exe	EO000400JWUGC	HPD4 (C)	HPD4
1235	Online HDD/SSD Flash Component for Windows (x64) - MO000800JBEBV, MO001600JBFBP, MO003200JBFBQ, MO006400JBFBP, MO000960JBFBF, MO001920JBFBT, MO003840JBFBF, MO007680JBFBG, MO015360JBFBF, EO000400JBEBU, EO000800JBFBF and EO001600JBFBF Drives	cp068752.exe	MO000800JBEBV	HPD2 (C)	HPD2
1236	Online HDD/SSD Flash Component for Windows (x64) - MO000800JBEBV, MO001600JBFBP, MO003200JBFBQ, MO006400JBFBP, MO000960JBFBF, MO001920JBFBT, MO003840JBFBF, MO007680JBFBG, MO015360JBFBF, EO000400JBEBU, EO000800JBFBF and EO001600JBFBF Drives	cp068752.exe	MO001600JBFBP	HPD2 (C)	HPD2
1237	Online HDD/SSD Flash Component for Windows (x64) - MO000800JBEBV, MO001600JBFBP, MO003200JBFBQ, MO006400JBFBP, MO000960JBFBF, MO001920JBFBT, MO003840JBFBF, MO007680JBFBG, MO015360JBFBF, EO000400JBEBU, EO000800JBFBF and EO001600JBFBF Drives	cp068752.exe	MO003200JBFBQ	HPD2 (C)	HPD2
1238	Online HDD/SSD Flash Component for Windows (x64) - MO000800JBEBV, MO001600JBFBP, MO003200JBFBQ, MO006400JBFBP, MO000960JBFBF, MO001920JBFBT, MO003840JBFBF, MO007680JBFBG, MO015360JBFBF, EO000400JBEBU, EO000800JBFBF and EO001600JBFBF Drives	cp068752.exe	MO006400JBFBP	HPD2 (C)	HPD2
1239	Online HDD/SSD Flash Component for Windows (x64) - MO000800JBEBV, MO001600JBFBP, MO003200JBFBQ, MO006400JBFBP, MO000960JBFBF, MO001920JBFBT, MO003840JBFBF, MO007680JBFBG, MO015360JBFBF, EO000400JBEBU, EO000800JBFBF and EO001600JBFBF Drives	cp068752.exe	MO000960JBFBF	HPD2 (C)	HPD2
1240	Online HDD/SSD Flash Component for Windows (x64) - MO000800JBEBV, MO001600JBFBP, MO003200JBFBQ, MO006400JBFBP, MO000960JBFBF,	cp068752.exe	MO001920JBFBT	HPD2 (C)	HPD2

	MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives				
1241	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp068752.exe	MO003840JXBFU	HPD2 (C)	HPD2
1242	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp068752.exe	EO000400JXBEU	HPD2 (C)	HPD2
1243	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp068752.exe	EO000800JXBFL	HPD2 (C)	HPD2
1244	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp068752.exe	EO001600JXBFN	HPD2 (C)	HPD2
1245	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp068752.exe	MO015360JXBFV	HPD2 (C)	HPD2
1246	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp068752.exe	MO007680JXBGA	HPD2 (C)	HPD2
1247	Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	cp068638.exe	VO006400JWZJT	HPD5 (D)	HPD5
1248	Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	cp068638.exe	VO003200JWZJR	HPD5 (D)	HPD5
1249	Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	cp068638.exe	VO001600JWZJQ	HPD5 (D)	HPD5
1250	Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP,	cp068638.exe	VO000800JWZJP	HPD5 (D)	HPD5

	VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives				
1251	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBK, VO001920JWBL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTA and EO001600JWTCB Drives	cp068644.exe	VO007680JWBP	HPDB (D)	HPDB
1252	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBK, VO001920JWBL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTA and EO001600JWTCB Drives	cp068644.exe	MO006400JWTC	HPDB (D)	HPDB
1253	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBK, VO001920JWBL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTA and EO001600JWTCB Drives	cp068644.exe	VO003840JWBN	HPDB (D)	HPDB
1254	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBK, VO001920JWBL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTA and EO001600JWTCB Drives	cp068644.exe	MO003200JWBU	HPDB (D)	HPDB
1255	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBK, VO001920JWBL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTA and EO001600JWTCB Drives	cp068644.exe	EO003200JWTC	HPDB (D)	HPDB
1256	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBK, VO001920JWBL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTA and EO001600JWTCB Drives	cp068644.exe	VO001920JWBL	HPDB (D)	HPDB
1257	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBK, VO001920JWBL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTA and EO001600JWTCB Drives	cp068644.exe	MO001600JWBT	HPDB (D)	HPDB
1258	Online HDD/SSD Flash Component for	cp068644.exe	EO001600JWTCB	HPDB (D)	HPDB

	Windows (x64) - VO000960JWBK, VO001920JWBL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTC and EO001600JWTCB Drives				
1259	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBK, VO001920JWBL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTC and EO001600JWTCB Drives	cp068644.exe	VO000960JWBK	HPDB (D)	HPDB
1260	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBK, VO001920JWBL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTC and EO001600JWTCB Drives	cp068644.exe	MO000800JWBR	HPDB (D)	HPDB
1261	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBK, VO001920JWBL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTC and EO001600JWTCB Drives	cp068644.exe	EO000800JWTC	HPDB (D)	HPDB
1262	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBK, VO001920JWBL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTC and EO001600JWTCB Drives	cp068644.exe	MO000400JWBQ	HPDB (D)	HPDB
1263	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBK, VO001920JWBL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTC and EO001600JWTCB Drives	cp068644.exe	EO000400JWBV	HPDB (D)	HPDB
1264	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBK, VO001920JWBL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTC and EO001600JWTCB Drives	cp068644.exe	MO001920JWWWV	HPDB (D)	HPDB
1265	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and	cp068639.exe	VO015360JWZJN	HPD5 (D)	HPD5

	VO015360JWZJN Drives				
1266	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp068639.exe	VO007680JWZJL	HPD5 (D)	HPD5
1267	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp068639.exe	VO003840JWZJK	HPD5 (D)	HPD5
1268	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp068639.exe	VO001920JWZJH	HPD5 (D)	HPD5
1269	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp068639.exe	VO000960JWZJF	HPD5 (D)	HPD5
1270	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp068647.exe	VO007680RWUFC	HPD8 (D)	HPD8
1271	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp068647.exe	VO003840RWUFF	HPD8 (D)	HPD8
1272	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp068647.exe	VO003840RWUFB	HPD8 (D)	HPD8
1273	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp068647.exe	VO001920RWUFE	HPD8 (D)	HPD8
1274	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp068647.exe	VO001920RWUFA	HPD8 (D)	HPD8
1275	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp068647.exe	VO000960RWUFD	HPD8 (D)	HPD8
1276	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp068647.exe	VO000960RWUEV	HPD8 (D)	HPD8
1277	Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ	cp068651.exe	VO003840XZCLT	HPD4 (B)	HPD4

	and MO001600XZCLV Drives				
1278	Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	cp068651.exe	MO001600XZCLV	HPD4 (B)	HPD4
1279	Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	cp068651.exe	MO000800XZCLQ	HPD4 (B)	HPD4
1280	Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	cp068651.exe	VO007680XZCMB	HPD4 (B)	HPD4
1281	Universal Firmware Package for Drives - MB004000JWZVU	Toshiba_MG08Air_TAM G08SDAnD3.fwpkg	MB004000JWZVU	HPD3 (B)	HPD3
1282	Universal Firmware Package for Drives - MB006000JWZVQ and MB008000JWZVR	Toshiba_MG08Air_TAM G08SDAeD3.fwpkg	MB006000JWZVQ	HPD3 (B)	HPD3
1283	Universal Firmware Package for Drives - MB006000JWZVQ and MB008000JWZVR	Toshiba_MG08Air_TAM G08SDAeD3.fwpkg	MB008000JWZVR	HPD3 (B)	HPD3
1284	Universal Firmware Package for Drives - MB020000JXMVU	WDC_ParisD_WparisdA SFD1.fwpkg	MB020000JXMVU	HPD1 (B)	HPD1
1285	Universal Firmware Package for Drives - MB12000JYESN, MB16000JYEVC, MB20000JYEVD	Seagate_Summit_SUM MITSUSND3.fwpkg	MB12000JYESN	HPD3	HPD3
1286	Universal Firmware Package for Drives - MB12000JYESN, MB16000JYEVC, MB20000JYEVD	Seagate_Summit_SUM MITSUSND3.fwpkg	MB16000JYEVC	HPD3	HPD3
1287	Universal Firmware Package for Drives - MB12000JYESN, MB16000JYEVC, MB20000JYEVD	Seagate_Summit_SUM MITSUSND3.fwpkg	MB20000JYEVD	HPD3	HPD3
1288	Universal Firmware Package for Drives - MB24000JYEVE	Seagate_Summit_SUM MITSUSSD3.fwpkg	MB24000JYEVE	HPD3	HPD3
1289	Universal Firmware Package for Drives - MO000960RXKRC, MO001920RXKRRH, MO003840RXKRC, VO000960RXKRB, VO001920RXKRD and VO003840RXKRE	Seagate_LangeBP_SLNG BPHPESD5.fwpkg	MO000960RXKRC	HPD5 (B)	HPD5
1290	Universal Firmware Package for Drives - MO000960RXKRC, MO001920RXKRRH, MO003840RXKRC, VO000960RXKRB, VO001920RXKRD and VO003840RXKRE	Seagate_LangeBP_SLNG BPHPESD5.fwpkg	MO001920RXKRRH	HPD5 (B)	HPD5
1291	Universal Firmware Package for Drives - MO000960RXKRC, MO001920RXKRRH, MO003840RXKRC, VO000960RXKRB, VO001920RXKRD and VO003840RXKRE	Seagate_LangeBP_SLNG BPHPESD5.fwpkg	MO003840RXKRC	HPD5 (B)	HPD5
1292	Universal Firmware Package for Drives - MO000960RXKRC, MO001920RXKRRH, MO003840RXKRC, VO000960RXKRB, VO001920RXKRD and VO003840RXKRE	Seagate_LangeBP_SLNG BPHPESD5.fwpkg	VO000960RXKRB	HPD5 (B)	HPD5
1293	Universal Firmware Package for Drives - MO000960RXKRC, MO001920RXKRRH, MO003840RXKRC, VO000960RXKRB, VO001920RXKRD and VO003840RXKRE	Seagate_LangeBP_SLNG BPHPESD5.fwpkg	VO001920RXKRD	HPD5 (B)	HPD5
1294	Universal Firmware Package for Drives - MO000960RXKRC, MO001920RXKRRH, MO003840RXKRC, VO000960RXKRB, VO001920RXKRD and VO003840RXKRE	Seagate_LangeBP_SLNG BPHPESD5.fwpkg	VO003840RXKRE	HPD5 (B)	HPD5
1295	Universal Firmware Package for Drives - MO000960RXRQK,	Seagate_Cooper_SCOO PRHPESD4.fwpkg	MO000960RXRQK	HPD4 (B)	HPD4

	MO001920RXRRH, MO003840RXRRK, VO000960RXRQL, VO001920RXRRL, VO003840RXRRN and VO007680RYEWD				
1296	Universal Firmware Package for Drives - MO000960RXRQK, MO001920RXRRH, MO003840RXRRK, VO000960RXRQL, VO001920RXRRL, VO003840RXRRN and VO007680RYEWD	Seagate_Cooper_SCOO PRHPESD4.fwpkg	MO001920RXRRH	HPD4 (B)	HPD4
1297	Universal Firmware Package for Drives - MO000960RXRQK, MO001920RXRRH, MO003840RXRRK, VO000960RXRQL, VO001920RXRRL, VO003840RXRRN and VO007680RYEWD	Seagate_Cooper_SCOO PRHPESD4.fwpkg	MO003840RXRRK	HPD4 (B)	HPD4
1298	Universal Firmware Package for Drives - MO000960RXRQK, MO001920RXRRH, MO003840RXRRK, VO000960RXRQL, VO001920RXRRL, VO003840RXRRN and VO007680RYEWD	Seagate_Cooper_SCOO PRHPESD4.fwpkg	VO000960RXRQL	HPD4 (B)	HPD4
1299	Universal Firmware Package for Drives - MO000960RXRQK, MO001920RXRRH, MO003840RXRRK, VO000960RXRQL, VO001920RXRRL, VO003840RXRRN and VO007680RYEWD	Seagate_Cooper_SCOO PRHPESD4.fwpkg	VO001920RXRRL	HPD4 (B)	HPD4
1300	Universal Firmware Package for Drives - MO000960RXRQK, MO001920RXRRH, MO003840RXRRK, VO000960RXRQL, VO001920RXRRL, VO003840RXRRN and VO007680RYEWD	Seagate_Cooper_SCOO PRHPESD4.fwpkg	VO003840RXRRN	HPD4 (B)	HPD4
1301	Universal Firmware Package for Drives - MO000960RXRQK, MO001920RXRRH, MO003840RXRRK, VO000960RXRQL, VO001920RXRRL, VO003840RXRRN and VO007680RYEWD	Seagate_Cooper_SCOO PRHPESD4.fwpkg	VO007680RYEWD	HPD4 (B)	HPD4
1302	Universal Firmware Package for Drives - MO001600PXMTN, MO003200PXMTV, MO006400PXMUA, VO001920PXMTL, VO003840PXMTR, VO007680PXMTT and VO015360PXMTU	Kioxia_PM7_KAPM7ALS HPD4.fwpkg	VO015360PXMTU	HPD4	HPD4
1303	Universal Firmware Package for Drives - MO001600PXMTN, MO003200PXMTV, MO006400PXMUA, VO001920PXMTL, VO003840PXMTR, VO007680PXMTT and VO015360PXMTU	Kioxia_PM7_KAPM7ALS HPD4.fwpkg	VO007680PXMTT	HPD4	HPD4
1304	Universal Firmware Package for Drives - MO001600PXMTN, MO003200PXMTV, MO006400PXMUA, VO001920PXMTL, VO003840PXMTR, VO007680PXMTT and VO015360PXMTU	Kioxia_PM7_KAPM7ALS HPD4.fwpkg	VO003840PXMTR	HPD4	HPD4
1305	Universal Firmware Package for Drives - MO001600PXMTN, MO003200PXMTV, MO006400PXMUA, VO001920PXMTL, VO003840PXMTR, VO007680PXMTT and VO015360PXMTU	Kioxia_PM7_KAPM7ALS HPD4.fwpkg	VO001920PXMTL	HPD4	HPD4
1306	Universal Firmware Package for Drives - MO001600PXMTN,	Kioxia_PM7_KAPM7ALS HPD4.fwpkg	MO006400PXMUA	HPD4	HPD4

	MO003200PXMTV, MO006400PXMUA, VO001920PXMTL, VO003840PXMTR, VO007680PXMTT and VO015360PXMTU				
1307	Universal Firmware Package for Drives - MO001600PXMTN, MO003200PXMTV, MO006400PXMUA, VO001920PXMTL, VO003840PXMTR, VO007680PXMTT and VO015360PXMTU	Kioxia_PM7_KAPM7ALS HPD4.fwpkg	MO003200PXMTV	HPD4	HPD4
1308	Universal Firmware Package for Drives - MO001600PXMTN, MO003200PXMTV, MO006400PXMUA, VO001920PXMTL, VO003840PXMTR, VO007680PXMTT and VO015360PXMTU	Kioxia_PM7_KAPM7ALS HPD4.fwpkg	MO001600PXMTN	HPD4	HPD4
1309	Universal Firmware Package for Drives - MO001600PXVRU, VO003840PXVRR and VO007680PXVRT	Kioxia_PM7_KAPM7ALF HPD3.fwpkg	VO007680PXVRT	HPD3	HPD3
1310	Universal Firmware Package for Drives - MO001600PXVRU, VO003840PXVRR and VO007680PXVRT	Kioxia_PM7_KAPM7ALF HPD3.fwpkg	VO003840PXVRR	HPD3	HPD3
1311	Universal Firmware Package for Drives - MO001600PXVRU, VO003840PXVRR and VO007680PXVRT	Kioxia_PM7_KAPM7ALF HPD3.fwpkg	MO001600PXVRU	HPD3	HPD3
1312	Universal Firmware Package for Drives - MO001600PZWSH, MO003200PZWSK, MO000800PZWSF and MO006400PZXFA	Samsung_PM165X_GP M1655SAMD4.fwpkg	MO001600PZWSH	HPD4	HPD4
1313	Universal Firmware Package for Drives - MO001600PZWSH, MO003200PZWSK, MO000800PZWSF and MO006400PZXFA	Samsung_PM165X_GP M1655SAMD4.fwpkg	MO003200PZWSK	HPD4	HPD4
1314	Universal Firmware Package for Drives - MO001600PZWSH, MO003200PZWSK, MO000800PZWSF and MO006400PZXFA	Samsung_PM165X_GP M1655SAMD4.fwpkg	MO000800PZWSF	HPD4	HPD4
1315	Universal Firmware Package for Drives - MO001600PZWSH, MO003200PZWSK, MO000800PZWSF and MO006400PZXFA	Samsung_PM165X_GP M1655SAMD4.fwpkg	MO006400PZXFA	HPD4	HPD4
1316	Universal Firmware Package for Drives - VO000960PZWSL, VO001920PZWSN, VO003840PZWSP, VO007680PZXFB and VO015360PZXEU	Samsung_PM165X_GP M1653SAMD4.fwpkg	VO000960PZWSL	HPD4	HPD4
1317	Universal Firmware Package for Drives - VO000960PZWSL, VO001920PZWSN, VO003840PZWSP, VO007680PZXFB and VO015360PZXEU	Samsung_PM165X_GP M1653SAMD4.fwpkg	VO001920PZWSN	HPD4	HPD4
1318	Universal Firmware Package for Drives - VO000960PZWSL, VO001920PZWSN, VO003840PZWSP, VO007680PZXFB and VO015360PZXEU	Samsung_PM165X_GP M1653SAMD4.fwpkg	VO003840PZWSP	HPD4	HPD4
1319	Universal Firmware Package for Drives - VO000960PZWSL, VO001920PZWSN, VO003840PZWSP, VO007680PZXFB and VO015360PZXEU	Samsung_PM165X_GP M1653SAMD4.fwpkg	VO007680PZXFB	HPD4	HPD4
1320	Universal Firmware Package for Drives - VO000960PZWSL, VO001920PZWSN, VO003840PZWSP, VO007680PZXFB and VO015360PZXEU	Samsung_PM165X_GP M1653SAMD4.fwpkg	VO015360PZXEU	HPD4	HPD4
1321	Universal Firmware Package for Drives - VO000960RZWUP, VO000960RZWUQ, VO001920RZWUR, VO001920RZWUV, VO003840RZWUT, VO003840RZWVA	Kioxia_RM6_KARM6ALS HPD1.fwpkg	VO000960RZWUP	HPD1 (B)	HPD1

	and VO007680RZWUU				
1322	Universal Firmware Package for Drives - VO000960RZWUP, VO000960RZWUQ, VO001920RZWUR, VO001920RZWUV, VO003840RZWUT, VO003840RZWVA and VO007680RZWUU	Kioxia_RM6_KARM6ALS HPD1.fwpkg	VO000960RZWUQ	HPD1 (B)	HPD1
1323	Universal Firmware Package for Drives - VO000960RZWUP, VO000960RZWUQ, VO001920RZWUR, VO001920RZWUV, VO003840RZWUT, VO003840RZWVA and VO007680RZWUU	Kioxia_RM6_KARM6ALS HPD1.fwpkg	VO001920RZWUR	HPD1 (B)	HPD1
1324	Universal Firmware Package for Drives - VO000960RZWUP, VO000960RZWUQ, VO001920RZWUR, VO001920RZWUV, VO003840RZWUT, VO003840RZWVA and VO007680RZWUU	Kioxia_RM6_KARM6ALS HPD1.fwpkg	VO001920RZWUV	HPD1 (B)	HPD1
1325	Universal Firmware Package for Drives - VO000960RZWUP, VO000960RZWUQ, VO001920RZWUR, VO001920RZWUV, VO003840RZWUT, VO003840RZWVA and VO007680RZWUU	Kioxia_RM6_KARM6ALS HPD1.fwpkg	VO003840RZWUT	HPD1 (B)	HPD1
1326	Universal Firmware Package for Drives - VO000960RZWUP, VO000960RZWUQ, VO001920RZWUR, VO001920RZWUV, VO003840RZWUT, VO003840RZWVA and VO007680RZWUU	Kioxia_RM6_KARM6ALS HPD1.fwpkg	VO003840RZWVA	HPD1 (B)	HPD1
1327	Universal Firmware Package for Drives - VO000960RZWUP, VO000960RZWUQ, VO001920RZWUR, VO001920RZWUV, VO003840RZWUT, VO003840RZWVA and VO007680RZWUU	Kioxia_RM6_KARM6ALS HPD1.fwpkg	VO007680RZWUU	HPD1 (B)	HPD1

6.2.14 Firmware - SATA Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
1328	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWJAN, MB002000GWFVA and MB004000GWFWB Drives	firmware-hdd-d39e7a7e75-HPG1-15.1.x86_64.rpm	MB004000GWFWB	HPG1 (O)	HPG1
1329	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWJAN, MB002000GWFVA and MB004000GWFWB Drives	firmware-hdd-d39e7a7e75-HPG1-15.1.x86_64.rpm	MB002000GWFVA	HPG1 (O)	HPG1
1330	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWJAN, MB002000GWFVA and MB004000GWFWB Drives	firmware-hdd-d39e7a7e75-HPG1-15.1.x86_64.rpm	MB001000GWJAN	HPG1 (O)	HPG1
1331	Online HDD/SSD Flash Component for Linux (x64) - MB004000GWKGV Drive	firmware-hdd-ca21e169e2-HPG1-14.1.x86_64.rpm	MB004000GWKGV	HPG1 (N)	HPG1
1332	Online HDD/SSD Flash Component for Linux (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	firmware-hdd-12304c1aca-HPG6-6.1.x86_64.rpm	MB004000GWWQH	HPG6 (F)	HPG6
1333	Online HDD/SSD Flash Component for Linux (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	firmware-hdd-12304c1aca-HPG6-6.1.x86_64.rpm	MB002000GWWQF	HPG6 (F)	HPG6
1334	Online HDD/SSD Flash Component for	firmware-hdd-12304c1	MB001000GWWQE	HPG6 (F)	HPG6

	Linux (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	aca-HPG6-6.1.x86_64.rpm			
1335	Online HDD/SSD Flash Component for Linux (x64) - MB006000GWJRR and MB008000GWJRT Drives	firmware-hdd-c993b31232-HPG6-7.1.x86_64.rpm	MB008000GWJRT	HPG6 (G)	HPG6
1336	Online HDD/SSD Flash Component for Linux (x64) - MB006000GWJRR and MB008000GWJRT Drives	firmware-hdd-c993b31232-HPG6-7.1.x86_64.rpm	MB006000GWJRR	HPG6 (G)	HPG6
1337	Online HDD/SSD Flash Component for Linux (x64) - MB006000GWKGR Drive	firmware-hdd-7f2a26e6d0-HPG1-14.1.x86_64.rpm	MB006000GWKGR	HPG1 (N)	HPG1
1338	Online HDD/SSD Flash Component for Linux (x64) - MB008000GWRTC Drive	firmware-hdd-82894b9e0a-HPG1-14.1.x86_64.rpm	MB008000GWRTC	HPG1 (N)	HPG1
1339	Online HDD/SSD Flash Component for Linux (x64) - MB008000GWWQU and MB006000GWWQT Drives	firmware-hdd-18e328f036-HPG8-6.1.x86_64.rpm	MB008000GWWQU	HPG8 (F)	HPG8
1340	Online HDD/SSD Flash Component for Linux (x64) - MB008000GWWQU and MB006000GWWQT Drives	firmware-hdd-18e328f036-HPG8-6.1.x86_64.rpm	MB006000GWWQT	HPG8 (F)	HPG8
1341	Online HDD/SSD Flash Component for Linux (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	firmware-hdd-7a1edae8e7-HPG1-8.1.x86_64.rpm	MB010000GWZGT	HPG1 (H)	HPG1
1342	Online HDD/SSD Flash Component for Linux (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	firmware-hdd-7a1edae8e7-HPG1-8.1.x86_64.rpm	MB012000GWZGU	HPG1 (H)	HPG1
1343	Online HDD/SSD Flash Component for Linux (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	firmware-hdd-7a1edae8e7-HPG1-8.1.x86_64.rpm	MB014000GWZGV	HPG1 (H)	HPG1
1344	Online HDD/SSD Flash Component for Linux (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	firmware-hdd-7a1edae8e7-HPG1-8.1.x86_64.rpm	MB016000GWZHD	HPG1 (H)	HPG1
1345	Online HDD/SSD Flash Component for Linux (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	firmware-hdd-4fbb6d96e5-HPG3-2.1.x86_64.rpm	MB010000GYDKP	HPG3 (B)	HPG3
1346	Online HDD/SSD Flash Component for Linux (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	firmware-hdd-4fbb6d96e5-HPG3-2.1.x86_64.rpm	MB016000GYDKQ	HPG3 (B)	HPG3
1347	Online HDD/SSD Flash Component for Linux (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	firmware-hdd-4fbb6d96e5-HPG3-2.1.x86_64.rpm	MB018000GYDKR	HPG3 (B)	HPG3
1348	Online HDD/SSD Flash Component for Linux (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	firmware-hdd-4fbb6d96e5-HPG3-2.1.x86_64.rpm	MB012000GYCJL	HPG3 (B)	HPG3
1349	Online HDD/SSD Flash Component for Linux (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	firmware-hdd-4fbb6d96e5-HPG3-2.1.x86_64.rpm	MB014000GYCJT	HPG3 (B)	HPG3

1350	Online HDD/SSD Flash Component for Linux (x64) - MB012000GZYVT, MB014000GZVVU, MB016000GZVVV and MB018000GYCLL Drives	firmware-hdd-e0171a2936-HPG6-1.1.x86_64.rpm	MB012000GZYVT	HPG6	HPG6
1351	Online HDD/SSD Flash Component for Linux (x64) - MB012000GZYVT, MB014000GZVVU, MB016000GZVVV and MB018000GYCLL Drives	firmware-hdd-e0171a2936-HPG6-1.1.x86_64.rpm	MB014000GZVVU	HPG6	HPG6
1352	Online HDD/SSD Flash Component for Linux (x64) - MB012000GZYVT, MB014000GZVVU, MB016000GZVVV and MB018000GYCLL Drives	firmware-hdd-e0171a2936-HPG6-1.1.x86_64.rpm	MB016000GZVVV	HPG6	HPG6
1353	Online HDD/SSD Flash Component for Linux (x64) - MB012000GZYVT, MB014000GZVVU, MB016000GZVVV and MB018000GYCLL Drives	firmware-hdd-e0171a2936-HPG6-1.1.x86_64.rpm	MB018000GYCLL	HPG6	HPG6
1354	Online HDD/SSD Flash Component for Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	firmware-hdd-6b7ce3da0e-HPG2-14.1.x86_64.rpm	MB014000GWRTN	HPG2 (N)	HPG2
1355	Online HDD/SSD Flash Component for Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	firmware-hdd-6b7ce3da0e-HPG2-14.1.x86_64.rpm	MB012000GWRTL	HPG2 (N)	HPG2
1356	Online HDD/SSD Flash Component for Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	firmware-hdd-6b7ce3da0e-HPG2-14.1.x86_64.rpm	MB010000GWRTK	HPG2 (N)	HPG2
1357	Online HDD/SSD Flash Component for Linux (x64) - MB014000GWUDA Drive	firmware-hdd-41cdb1c9da-HPG3-5.1.x86_64.rpm	MB014000GWUDA	HPG3 (E)	HPG3
1358	Online HDD/SSD Flash Component for Linux (x64) - MB016000GWXKK Drive	firmware-hdd-e4f147cd2-HPG5-1.1.x86_64.rpm	MB016000GWXKK	HPG5	HPG5
1359	Online HDD/SSD Flash Component for Linux (x64) - MB018000GXMTK and MB020000GXMTQ Drives	firmware-hdd-3496cc4743-HPG3-3.1.x86_64.rpm	MB020000GXMTQ	HPG3 (C)	HPG3
1360	Online HDD/SSD Flash Component for Linux (x64) - MB018000GXMTK and MB020000GXMTQ Drives	firmware-hdd-3496cc4743-HPG3-3.1.x86_64.rpm	MB018000GXMTK	HPG3 (C)	HPG3
1361	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	firmware-hdd-8e1e8083c5-HPG3-6.1.x86_64.rpm	MK003840GWXFL	HPG3 (F)	HPG3
1362	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	firmware-hdd-8e1e8083c5-HPG3-6.1.x86_64.rpm	MK001920GWXFK	HPG3 (F)	HPG3
1363	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	firmware-hdd-8e1e8083c5-HPG3-6.1.x86_64.rpm	MK000960GWXFH	HPG3 (F)	HPG3
1364	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	firmware-hdd-8e1e8083c5-HPG3-6.1.x86_64.rpm	MK000480GWXFF	HPG3 (F)	HPG3
1365	Online HDD/SSD Flash Component for Linux (x64) - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives	firmware-hdd-9475583fb5-HPG1-6.1.x86_64.rpm	MK000480GZXRA	HPG1 (F)	HPG1
1366	Online HDD/SSD Flash Component for Linux (x64) - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives	firmware-hdd-9475583fb5-HPG1-6.1.x86_64.rpm	MK001920GZXRC	HPG1 (F)	HPG1
1367	Online HDD/SSD Flash Component for Linux (x64) - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives	firmware-hdd-9475583fb5-HPG1-6.1.x86_64.rpm	MK000960GZXRB	HPG1 (F)	HPG1

	MK000960GZXR, MK001920GZXR and MK003840GZXR Drives	m			
1368	Online HDD/SSD Flash Component for Linux (x64) - MK000480GZXR, MK000960GZXR, MK001920GZXR and MK003840GZXR Drives	firmware-hdd-9475583fb5-HPG1-6.1.x86_64.rpm	MK003840GZXR	HPG1 (F)	HPG1
1369	Online HDD/SSD Flash Component for Linux (x64) - MM2000GEFRA Drive	firmware-hdd-ec908c3650-HPG9-7.1.x86_64.rpm	MM2000GEFRA	HPG9 (G)	HPG9
1370	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-13.1.x86_64.rpm	MK001920GWJPQ	HPG5 (M)	HPG5
1371	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-13.1.x86_64.rpm	VK001920GWJPH	HPG5 (M)	HPG5
1372	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-13.1.x86_64.rpm	MK000240GWKVK	HPG5 (M)	HPG5
1373	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-13.1.x86_64.rpm	VK000240GWJPD	HPG5 (M)	HPG5
1374	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-13.1.x86_64.rpm	VK003840GWJPK	HPG5 (M)	HPG5
1375	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-13.1.x86_64.rpm	MK000480GWJPN	HPG5 (M)	HPG5
1376	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-13.1.x86_64.rpm	VK000480GWJPE	HPG5 (M)	HPG5
1377	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-13.1.x86_64.rpm	MK000960GWJPP	HPG5 (M)	HPG5
1378	Online HDD/SSD Flash Component for	firmware-hdd-aef2a690	VK000960GWJPF	HPG5 (M)	HPG5

	Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPD Drives	c9-HPG5-13.1.x86_64.rpm			
1379	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTT Drives	firmware-hdd-c566d63c-a0-HPG7-6.1.x86_64.rpm	VK003840GWTTD	HPG7 (F)	HPG7
1380	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTT Drives	firmware-hdd-c566d63c-a0-HPG7-6.1.x86_64.rpm	MK003840GWTTT	HPG7 (F)	HPG7
1381	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTT Drives	firmware-hdd-c566d63c-a0-HPG7-6.1.x86_64.rpm	VK001920GWTTT	HPG7 (F)	HPG7
1382	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTT Drives	firmware-hdd-c566d63c-a0-HPG7-6.1.x86_64.rpm	MK001920GWTTT	HPG7 (F)	HPG7
1383	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTT Drives	firmware-hdd-c566d63c-a0-HPG7-6.1.x86_64.rpm	VK000960GWTTT	HPG7 (F)	HPG7
1384	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTT Drives	firmware-hdd-c566d63c-a0-HPG7-6.1.x86_64.rpm	MK000960GWTTT	HPG7 (F)	HPG7
1385	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTT Drives	firmware-hdd-c566d63c-a0-HPG7-6.1.x86_64.rpm	VK000480GWTTA	HPG7 (F)	HPG7
1386	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTT Drives	firmware-hdd-c566d63c-a0-HPG7-6.1.x86_64.rpm	MK000480GWTTT	HPG7 (F)	HPG7
1387	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTT Drives	firmware-hdd-c566d63c-a0-HPG7-6.1.x86_64.rpm	VK000240GWTSV	HPG7 (F)	HPG7

	MK000480GWTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives				
1388	Online HDD/SSD Flash Component for Linux (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	firmware-hdd-abd133f0 de-HPG1-6.1.x86_64.rpm	VK001920GZXQV	HPG1 (F)	HPG1
1389	Online HDD/SSD Flash Component for Linux (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	firmware-hdd-abd133f0 de-HPG1-6.1.x86_64.rpm	VK003840GZXRH	HPG1 (F)	HPG1
1390	Online HDD/SSD Flash Component for Linux (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	firmware-hdd-abd133f0 de-HPG1-6.1.x86_64.rpm	VK007680GZXRT	HPG1 (F)	HPG1
1391	Online HDD/SSD Flash Component for Linux (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	firmware-hdd-abd133f0 de-HPG1-6.1.x86_64.rpm	VK000960GZXQU	HPG1 (F)	HPG1
1392	Online HDD/SSD Flash Component for Linux (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	firmware-hdd-abd133f0 de-HPG1-6.1.x86_64.rpm	VK000480GZXRF	HPG1 (F)	HPG1
1393	Online HDD/SSD Flash Component for Linux (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	firmware-hdd-abd133f0 de-HPG1-6.1.x86_64.rpm	VK000240GZXRU	HPG1 (F)	HPG1
1394	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd-492a995 2f6-HPG5-5.1.x86_64.rpm	VK003840GWTHD	HPG5 (E)	HPG5
1395	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd-492a995 2f6-HPG5-5.1.x86_64.rpm	VK001920GWTHC	HPG5 (E)	HPG5
1396	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd-492a995 2f6-HPG5-5.1.x86_64.rpm	VK000960GWTHB	HPG5 (E)	HPG5
1397	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd-492a995 2f6-HPG5-5.1.x86_64.rpm	VK000480GWTHA	HPG5 (E)	HPG5
1398	Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	firmware-hdd-befd42bd 64-HPG3-6.1.x86_64.rpm	VK000480GZCNE	HPG3 (F)	HPG3
1399	Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	firmware-hdd-befd42bd 64-HPG3-6.1.x86_64.rpm	VK000960GZCNF	HPG3 (F)	HPG3
1400	Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	firmware-hdd-befd42bd 64-HPG3-6.1.x86_64.rpm	VK001920GZCNH	HPG3 (F)	HPG3
1401	Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	firmware-hdd-befd42bd 64-HPG3-6.1.x86_64.rpm	VK003840GZCNK	HPG3 (F)	HPG3
1402	Online HDD/SSD Flash Component for	CP070958.zip	MB004000GFWFB	HPG1 (L)	HPG1

	VMware ESXi - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives				
1403	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives	CP070958.zip	MB002000GWFWA	HPG1 (L)	HPG1
1404	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives	CP070958.zip	MB001000GWJAN	HPG1 (L)	HPG1
1405	Online HDD/SSD Flash Component for VMware ESXi - MB004000GWKGV Drive	CP070969.zip	MB004000GWKGV	HPG1 (L)	HPG1
1406	Online HDD/SSD Flash Component for VMware ESXi - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	CP070944.zip	MB004000GWWQH	HPG6 (D)	HPG6
1407	Online HDD/SSD Flash Component for VMware ESXi - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	CP070944.zip	MB002000GWWQF	HPG6 (D)	HPG6
1408	Online HDD/SSD Flash Component for VMware ESXi - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	CP070944.zip	MB001000GWWQE	HPG6 (D)	HPG6
1409	Online HDD/SSD Flash Component for VMware ESXi - MB006000GWJRR and MB008000GWJRT Drives	CP070957.zip	MB008000GWJRT	HPG6 (D)	HPG6
1410	Online HDD/SSD Flash Component for VMware ESXi - MB006000GWJRR and MB008000GWJRT Drives	CP070957.zip	MB006000GWJRR	HPG6 (D)	HPG6
1411	Online HDD/SSD Flash Component for VMware ESXi - MB006000GWKGR Drive	CP070968.zip	MB006000GWKGR	HPG1 (L)	HPG1
1412	Online HDD/SSD Flash Component for VMware ESXi - MB008000GWRTC Drive	CP070966.zip	MB008000GWRTC	HPG1 (L)	HPG1
1413	Online HDD/SSD Flash Component for VMware ESXi - MB008000GWWQU and MB006000GWWQT Drives	CP070943.zip	MB008000GWWQU	HPG8 (D)	HPG8
1414	Online HDD/SSD Flash Component for VMware ESXi - MB008000GWWQU and MB006000GWWQT Drives	CP070943.zip	MB006000GWWQT	HPG8 (D)	HPG8
1415	Online HDD/SSD Flash Component for VMware ESXi - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	CP070980.zip	MB010000GWZGT	HPG1 (F)	HPG1
1416	Online HDD/SSD Flash Component for VMware ESXi - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	CP070980.zip	MB012000GWZGU	HPG1 (F)	HPG1
1417	Online HDD/SSD Flash Component for VMware ESXi - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	CP070980.zip	MB014000GWZGV	HPG1 (F)	HPG1
1418	Online HDD/SSD Flash Component for VMware ESXi - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	CP070980.zip	MB016000GWZHD	HPG1 (F)	HPG1
1419	Online HDD/SSD Flash Component for VMware ESXi - MB010000GYDKP,	CP070975.zip	MB010000GYDKP	HPG3 (B)	HPG3

	MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives				
1420	Online HDD/SSD Flash Component for VMware ESXi - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	CP070975.zip	MB016000GYDKQ	HPG3 (B)	HPG3
1421	Online HDD/SSD Flash Component for VMware ESXi - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	CP070975.zip	MB018000GYDKR	HPG3 (B)	HPG3
1422	Online HDD/SSD Flash Component for VMware ESXi - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	CP070975.zip	MB012000GYCJL	HPG3 (B)	HPG3
1423	Online HDD/SSD Flash Component for VMware ESXi - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	CP070975.zip	MB014000GYCJT	HPG3 (B)	HPG3
1424	Online HDD/SSD Flash Component for VMware ESXi - MB012000GZYVT, MB014000GZVU, MB016000GZVV and MB018000GYCLL Drives	CP070093.zip	MB012000GZYVT	HPG6	HPG6
1425	Online HDD/SSD Flash Component for VMware ESXi - MB012000GZYVT, MB014000GZVU, MB016000GZVV and MB018000GYCLL Drives	CP070093.zip	MB014000GZVU	HPG6	HPG6
1426	Online HDD/SSD Flash Component for VMware ESXi - MB012000GZYVT, MB014000GZVU, MB016000GZVV and MB018000GYCLL Drives	CP070093.zip	MB016000GZVV	HPG6	HPG6
1427	Online HDD/SSD Flash Component for VMware ESXi - MB012000GZYVT, MB014000GZVU, MB016000GZVV and MB018000GYCLL Drives	CP070093.zip	MB018000GYCLL	HPG6	HPG6
1428	Online HDD/SSD Flash Component for VMware ESXi - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	CP070936.zip	MB014000GWRTN	HPG2 (K)	HPG2
1429	Online HDD/SSD Flash Component for VMware ESXi - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	CP070936.zip	MB012000GWRTL	HPG2 (K)	HPG2
1430	Online HDD/SSD Flash Component for VMware ESXi - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	CP070936.zip	MB010000GWRTK	HPG2 (K)	HPG2
1431	Online HDD/SSD Flash Component for VMware ESXi - MB014000GWUDA Drive	CP070965.zip	MB014000GWUDA	HPG3 (D)	HPG3
1432	Online HDD/SSD Flash Component for VMware ESXi - MB016000GWXKK Drive	CP070950.zip	MB016000GWXKK	HPG5 (B)	HPG5
1433	Online HDD/SSD Flash Component for VMware ESXi - MB018000GXMTQ and MB020000GXMTQ Drives	CP070972.zip	MB020000GXMTQ	HPG3 (C)	HPG3
1434	Online HDD/SSD Flash Component for VMware ESXi - MB018000GXMTQ and MB020000GXMTQ Drives	CP070972.zip	MB018000GXMTQ	HPG3 (C)	HPG3
1435	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFFH, MK001920GWXFFK	CP070906.zip	MK003840GWXFL	HPG3 (D)	HPG3

	and MK003840GWXFL Drives				
1436	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	CP070906.zip	MK001920GWXFK	HPG3 (D)	HPG3
1437	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	CP070906.zip	MK000960GWXFH	HPG3 (D)	HPG3
1438	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	CP070906.zip	MK000480GWXFF	HPG3 (D)	HPG3
1439	Online HDD/SSD Flash Component for VMware ESXi - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives.	CP070923.zip	MK000480GZXRA	HPG1 (D)	HPG1
1440	Online HDD/SSD Flash Component for VMware ESXi - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives.	CP070923.zip	MK001920GZXRC	HPG1 (D)	HPG1
1441	Online HDD/SSD Flash Component for VMware ESXi - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives.	CP070923.zip	MK000960GZXRB	HPG1 (D)	HPG1
1442	Online HDD/SSD Flash Component for VMware ESXi - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives.	CP070923.zip	MK003840GZXRV	HPG1 (D)	HPG1
1443	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPD Drives	CP070836.zip	MK001920GWJPD	HPG5 (K)	HPG5
1444	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPD Drives	CP070836.zip	MK000240GWKVK	HPG5 (K)	HPG5
1445	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPD Drives	CP070836.zip	MK000480GWJPN	HPG5 (K)	HPG5
1446	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPD Drives	CP070836.zip	MK000960GWJPP	HPG5 (K)	HPG5
1447	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPD Drives	CP070836.zip	VK003840GWJPK	HPG5 (K)	HPG5
1448	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD,	CP070836.zip	VK001920GWJPH	HPG5 (K)	HPG5

	VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives				
1449	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP070836.zip	VK000960GWJPF	HPG5 (K)	HPG5
1450	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP070836.zip	VK000480GWJPE	HPG5 (K)	HPG5
1451	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP070836.zip	VK000240GWJPD	HPG5 (K)	HPG5
1452	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP070835.zip	VK003840GWTTD	HPG7 (E)	HPG7
1453	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP070835.zip	MK003840GWTTN	HPG7 (E)	HPG7
1454	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP070835.zip	VK001920GWTTT	HPG7 (E)	HPG7
1455	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP070835.zip	MK001920GWTTL	HPG7 (E)	HPG7
1456	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP070835.zip	VK000960GWTTB	HPG7 (E)	HPG7
1457	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT,	CP070835.zip	MK000960GWTTK	HPG7 (E)	HPG7

	MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives				
1458	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP070835.zip	VK000480GWTTA	HPG7 (E)	HPG7
1459	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP070835.zip	MK000480GWTTT	HPG7 (E)	HPG7
1460	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP070835.zip	VK000240GWTSV	HPG7 (E)	HPG7
1461	Online HDD/SSD Flash Component for VMware ESXi - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives.	CP070922.zip	VK001920GZXQV	HPG1 (D)	HPG1
1462	Online HDD/SSD Flash Component for VMware ESXi - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives.	CP070922.zip	VK003840GZXRH	HPG1 (D)	HPG1
1463	Online HDD/SSD Flash Component for VMware ESXi - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives.	CP070922.zip	VK007680GZXRT	HPG1 (D)	HPG1
1464	Online HDD/SSD Flash Component for VMware ESXi - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives.	CP070922.zip	VK000960GZXQU	HPG1 (D)	HPG1
1465	Online HDD/SSD Flash Component for VMware ESXi - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives.	CP070922.zip	VK000480GZXRF	HPG1 (D)	HPG1
1466	Online HDD/SSD Flash Component for VMware ESXi - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives.	CP070922.zip	VK000240GZXRU	HPG1 (D)	HPG1
1467	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	CP070904.zip	VK003840GWTHD	HPG5 (D)	HPG5
1468	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	CP070904.zip	VK001920GWTHC	HPG5 (D)	HPG5
1469	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	CP070904.zip	VK000960GWTHB	HPG5 (D)	HPG5
1470	Online HDD/SSD Flash Component for	CP070904.zip	VK000480GWTHA	HPG5 (D)	HPG5

	VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives				
1471	Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	CP070909.zip	VK000480GZCNE	HPG3 (D)	HPG3
1472	Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	CP070909.zip	VK000960GZCNF	HPG3 (D)	HPG3
1473	Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	CP070909.zip	VK001920GZCNH	HPG3 (D)	HPG3
1474	Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	CP070909.zip	VK003840GZCNK	HPG3 (D)	HPG3
1475	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives	cp068754.exe	MB004000GWFWB	HPG1 (K)	HPG1
1476	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives	cp068754.exe	MB002000GWFWA	HPG1 (K)	HPG1
1477	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives	cp068754.exe	MB001000GWJAN	HPG1 (K)	HPG1
1478	Online HDD/SSD Flash Component for Windows (x64) - MB004000GWKGV Drive	cp068743.exe	MB004000GWKGV	HPG1 (K)	HPG1
1479	Online HDD/SSD Flash Component for Windows (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	cp068665.exe	MB004000GWWQH	HPG6 (D)	HPG6
1480	Online HDD/SSD Flash Component for Windows (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	cp068665.exe	MB002000GWWQF	HPG6 (D)	HPG6
1481	Online HDD/SSD Flash Component for Windows (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	cp068665.exe	MB001000GWWQE	HPG6 (D)	HPG6
1482	Online HDD/SSD Flash Component for Windows (x64) - MB006000GWJRR and MB008000GWJRT Drives	cp068755.exe	MB008000GWJRT	HPG6 (E)	HPG6
1483	Online HDD/SSD Flash Component for Windows (x64) - MB006000GWJRR and MB008000GWJRT Drives	cp068755.exe	MB006000GWJRR	HPG6 (E)	HPG6
1484	Online HDD/SSD Flash Component for Windows (x64) - MB006000GWKGR Drive	cp068744.exe	MB006000GWKGR	HPG1 (K)	HPG1
1485	Online HDD/SSD Flash Component for Windows (x64) - MB008000GWRTC Drive	cp068746.exe	MB008000GWRTC	HPG1 (K)	HPG1
1486	Online HDD/SSD Flash Component for Windows (x64) - MB008000GWWQU and MB006000GWWQT Drives	cp068664.exe	MB008000GWWQU	HPG8 (D)	HPG8
1487	Online HDD/SSD Flash Component for Windows (x64) - MB008000GWWQU and MB006000GWWQT Drives	cp068664.exe	MB006000GWWQT	HPG8 (D)	HPG8
1488	Online HDD/SSD Flash Component for Windows (x64) - MB010000GWZGT,	cp068733.exe	MB010000GWZGT	HPG1 (F)	HPG1

	MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives				
1489	Online HDD/SSD Flash Component for Windows (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	cp068733.exe	MB012000GWZGU	HPG1 (F)	HPG1
1490	Online HDD/SSD Flash Component for Windows (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	cp068733.exe	MB014000GWZGV	HPG1 (F)	HPG1
1491	Online HDD/SSD Flash Component for Windows (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	cp068733.exe	MB016000GWZHD	HPG1 (F)	HPG1
1492	Online HDD/SSD Flash Component for Windows (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	cp068737.exe	MB010000GYDKP	HPG3 (B)	HPG3
1493	Online HDD/SSD Flash Component for Windows (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	cp068737.exe	MB016000GYDKQ	HPG3 (B)	HPG3
1494	Online HDD/SSD Flash Component for Windows (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	cp068737.exe	MB018000GYDKR	HPG3 (B)	HPG3
1495	Online HDD/SSD Flash Component for Windows (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	cp068737.exe	MB012000GYCJL	HPG3 (B)	HPG3
1496	Online HDD/SSD Flash Component for Windows (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	cp068737.exe	MB014000GYCJT	HPG3 (B)	HPG3
1497	Online HDD/SSD Flash Component for Windows (x64) - MB012000GZYVT, MB014000GZVU, MB016000GZVV and MB018000GYCLL Drives	cp070086.exe	MB012000GZYVT	HPG6	HPG6
1498	Online HDD/SSD Flash Component for Windows (x64) - MB012000GZYVT, MB014000GZVU, MB016000GZVV and MB018000GYCLL Drives	cp070086.exe	MB014000GZVU	HPG6	HPG6
1499	Online HDD/SSD Flash Component for Windows (x64) - MB012000GZYVT, MB014000GZVU, MB016000GZVV and MB018000GYCLL Drives	cp070086.exe	MB016000GZVV	HPG6	HPG6
1500	Online HDD/SSD Flash Component for Windows (x64) - MB012000GZYVT, MB014000GZVU, MB016000GZVV and MB018000GYCLL Drives	cp070086.exe	MB018000GYCLL	HPG6	HPG6
1501	Online HDD/SSD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	cp068658.exe	MB014000GWRTN	HPG2 (J)	HPG2
1502	Online HDD/SSD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and	cp068658.exe	MB012000GWRTL	HPG2 (J)	HPG2

	MB010000GWRTK Drives				
1503	Online HDD/SSD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	cp068658.exe	MB010000GWRTK	HPG2 (J)	HPG2
1504	Online HDD/SSD Flash Component for Windows (x64) - MB014000GWUDA Drive	cp068747.exe	MB014000GWUDA	HPG3 (D)	HPG3
1505	Online HDD/SSD Flash Component for Windows (x64) - MB016000GWXKK Drive	cp068770.exe	MB016000GWXKK	HPG5	HPG5
1506	Online HDD/SSD Flash Component for Windows (x64) - MB018000GXMTK and MB020000GXMTQ Drives	cp068740.exe	MB020000GXMTQ	HPG3 (C)	HPG3
1507	Online HDD/SSD Flash Component for Windows (x64) - MB018000GXMTK and MB020000GXMTQ Drives	cp068740.exe	MB018000GXMTK	HPG3 (C)	HPG3
1508	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	cp068637.exe	MK003840GWXFL	HPG3 (D)	HPG3
1509	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	cp068637.exe	MK001920GWXFK	HPG3 (D)	HPG3
1510	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	cp068637.exe	MK000960GWXFH	HPG3 (D)	HPG3
1511	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	cp068637.exe	MK000480GWXFF	HPG3 (D)	HPG3
1512	Online HDD/SSD Flash Component for Windows (x64) - MK000480GZXRA, MK000960GZXR, MK001920GZXRC and MK003840GZXRV Drives	cp068642.exe	MK000480GZXRA	HPG1 (D)	HPG1
1513	Online HDD/SSD Flash Component for Windows (x64) - MK000480GZXRA, MK000960GZXR, MK001920GZXRC and MK003840GZXRV Drives	cp068642.exe	MK001920GZXRC	HPG1 (D)	HPG1
1514	Online HDD/SSD Flash Component for Windows (x64) - MK000480GZXRA, MK000960GZXR, MK001920GZXRC and MK003840GZXRV Drives	cp068642.exe	MK000960GZXR	HPG1 (D)	HPG1
1515	Online HDD/SSD Flash Component for Windows (x64) - MK000480GZXRA, MK000960GZXR, MK001920GZXRC and MK003840GZXRV Drives	cp068642.exe	MK003840GZXRV	HPG1 (D)	HPG1
1516	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp068621.exe	MK001920GWJPQ	HPG5 (I)	HPG5
1517	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp068621.exe	VK001920GWJPH	HPG5 (I)	HPG5
1518	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF,	cp068621.exe	MK000240GWKVK	HPG5 (I)	HPG5

	VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives				
1519	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp068621.exe	VK000240GWJPD	HPG5 (I)	HPG5
1520	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp068621.exe	VK003840GWJPK	HPG5 (I)	HPG5
1521	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp068621.exe	MK000480GWJPN	HPG5 (I)	HPG5
1522	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp068621.exe	VK000480GWJPE	HPG5 (I)	HPG5
1523	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp068621.exe	MK000960GWJPP	HPG5 (I)	HPG5
1524	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp068621.exe	VK000960GWJPF	HPG5 (I)	HPG5
1525	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp068622.exe	VK003840GWTTD	HPG7 (E)	HPG7
1526	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp068622.exe	MK003840GWTTN	HPG7 (E)	HPG7
1527	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL	cp068622.exe	VK001920GW TTC	HPG7 (E)	HPG7

	and MK003840GWTTN Drives				
1528	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp068622.exe	MK001920GWTTL	HPG7 (E)	HPG7
1529	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp068622.exe	VK000960GWTTB	HPG7 (E)	HPG7
1530	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp068622.exe	MK000960GWTTK	HPG7 (E)	HPG7
1531	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp068622.exe	VK000480GWTTA	HPG7 (E)	HPG7
1532	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp068622.exe	MK000480GWTTT	HPG7 (E)	HPG7
1533	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp068622.exe	VK000240GWTSV	HPG7 (E)	HPG7
1534	Online HDD/SSD Flash Component for Windows (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	cp068643.exe	VK001920GZXQV	HPG1 (D)	HPG1
1535	Online HDD/SSD Flash Component for Windows (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	cp068643.exe	VK003840GZXRH	HPG1 (D)	HPG1
1536	Online HDD/SSD Flash Component for Windows (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	cp068643.exe	VK007680GZXRT	HPG1 (D)	HPG1
1537	Online HDD/SSD Flash Component for Windows (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	cp068643.exe	VK000960GZXQU	HPG1 (D)	HPG1
1538	Online HDD/SSD Flash Component for Windows (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU,	cp068643.exe	VK000480GZXRF	HPG1 (D)	HPG1

	VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives				
1539	Online HDD/SSD Flash Component for Windows (x64) - VK000240GZXRU, VK000480GZXRf, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	cp068643.exe	VK000240GZXRU	HPG1 (D)	HPG1
1540	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp068666.exe	VK003840GWTHD	HPG5 (D)	HPG5
1541	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp068666.exe	VK001920GWTHC	HPG5 (D)	HPG5
1542	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp068666.exe	VK000960GWTHB	HPG5 (D)	HPG5
1543	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp068666.exe	VK000480GWTHA	HPG5 (D)	HPG5
1544	Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	cp068634.exe	VK000480GZCNE	HPG3 (D)	HPG3
1545	Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	cp068634.exe	VK000960GZCNF	HPG3 (D)	HPG3
1546	Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	cp068634.exe	VK001920GZCNH	HPG3 (D)	HPG3
1547	Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	cp068634.exe	VK003840GZCNK	HPG3 (D)	HPG3
1548	Universal Firmware Package for Drives - MB002000GYDNK and MB004000GYDPD	Seagate_CimarronBP_S CIMARBPNTG4.fwpkg	MB002000GYDNK	HPG4	HPG4
1549	Universal Firmware Package for Drives - MB002000GYDNK and MB004000GYDPD	Seagate_CimarronBP_S CIMARBPNTG4.fwpkg	MB004000GYDPD	HPG4	HPG4
1550	Universal Firmware Package for Drives - MB004000GWZVT	Toshiba_MG08Air_TAM G08ADAnG3.fwpkg	MB004000GWZVT	HPG3	HPG3
1551	Universal Firmware Package for Drives - MB006000GWZVL and MB008000GWZVN	Toshiba_MG08Air_TAM G08ADAeG3.fwpkg	MB006000GWZVL	HPG3	HPG3
1552	Universal Firmware Package for Drives - MB006000GWZVL and MB008000GWZVN	Toshiba_MG08Air_TAM G08ADAeG3.fwpkg	MB008000GWZVN	HPG3	HPG3
1553	Universal Firmware Package for Drives - MB006000GYDNL, MB008000GYDPE and MB010000GYDNN	Seagate_CimarronBP_S CIMARBPETG4.fwpkg	MB006000GYDNL	HPG4	HPG4
1554	Universal Firmware Package for Drives - MB006000GYDNL, MB008000GYDPE and MB010000GYDNN	Seagate_CimarronBP_S CIMARBPETG4.fwpkg	MB008000GYDPE	HPG4	HPG4
1555	Universal Firmware Package for Drives - MB006000GYDNL, MB008000GYDPE and MB010000GYDNN	Seagate_CimarronBP_S CIMARBPETG4.fwpkg	MB010000GYDNN	HPG4	HPG4
1556	Universal Firmware Package for Drives - MB12000GYESP, MB16000GYEVF and MB20000GYEVH	Seagate_SummitAN_SU MMITSUANG3.fwpkg	MB12000GYESP	HPG3	HPG3
1557	Universal Firmware Package for Drives	Seagate_SummitAN_SU	MB16000GYEVF	HPG3	HPG3

	- MB12000GYESP, MB16000GYEVF and MB20000GYEVH	MMITSUANG3.fwpkg			
1558	Universal Firmware Package for Drives - MB12000GYESP, MB16000GYEVF and MB20000GYEVH	Seagate_SummitAN_SU MMITSUANG3.fwpkg	MB20000GYEVH	HPG3	HPG3
1559	Universal Firmware Package for Drives - MB24000GYEVK	Seagate_SummitAS_SU MMITSUASG3.fwpkg	MB24000GYEVK	HPG3	HPG3
1560	Universal Firmware Package for Drives - MK000480GXNKB, MK000960GXNZK, MK001920GXNZL, MK003840GXNZN, VK000240GXNWU, VK000480GXNZA, VK000960GXNZB, VK001920GXNZC, VK003840GXNZD, VK007680GXNZE, VK000480SXNWV, VK001920SXNZF, MK000960SXNXC and MK001920SXNZP	Micron_5400_M5400AL LHPG1.fwpkg	MK000480GXNKB	HPG1	HPG1
1561	Universal Firmware Package for Drives - MK000480GXNKB, MK000960GXNZK, MK001920GXNZL, MK003840GXNZN, VK000240GXNWU, VK000480GXNZA, VK000960GXNZB, VK001920GXNZC, VK003840GXNZD, VK007680GXNZE, VK000480SXNWV, VK001920SXNZF, MK000960SXNXC and MK001920SXNZP	Micron_5400_M5400AL LHPG1.fwpkg	MK000960GXNZK	HPG1	HPG1
1562	Universal Firmware Package for Drives - MK000480GXNKB, MK000960GXNZK, MK001920GXNZL, MK003840GXNZN, VK000240GXNWU, VK000480GXNZA, VK000960GXNZB, VK001920GXNZC, VK003840GXNZD, VK007680GXNZE, VK000480SXNWV, VK001920SXNZF, MK000960SXNXC and MK001920SXNZP	Micron_5400_M5400AL LHPG1.fwpkg	MK001920GXNZL	HPG1	HPG1
1563	Universal Firmware Package for Drives - MK000480GXNKB, MK000960GXNZK, MK001920GXNZL, MK003840GXNZN, VK000240GXNWU, VK000480GXNZA, VK000960GXNZB, VK001920GXNZC, VK003840GXNZD, VK007680GXNZE, VK000480SXNWV, VK001920SXNZF, MK000960SXNXC and MK001920SXNZP	Micron_5400_M5400AL LHPG1.fwpkg	MK003840GXNZN	HPG1	HPG1
1564	Universal Firmware Package for Drives - MK000480GXNKB, MK000960GXNZK, MK001920GXNZL, MK003840GXNZN, VK000240GXNWU, VK000480GXNZA, VK000960GXNZB, VK001920GXNZC, VK003840GXNZD, VK007680GXNZE, VK000480SXNWV, VK001920SXNZF, MK000960SXNXC and MK001920SXNZP	Micron_5400_M5400AL LHPG1.fwpkg	VK000240GXNWU	HPG1	HPG1
1565	Universal Firmware Package for Drives - MK000480GXNKB, MK000960GXNZK, MK001920GXNZL, MK003840GXNZN, VK000240GXNWU, VK000480GXNZA, VK000960GXNZB, VK001920GXNZC, VK003840GXNZD, VK007680GXNZE, VK000480SXNWV, VK001920SXNZF, MK000960SXNXC and MK001920SXNZP	Micron_5400_M5400AL LHPG1.fwpkg	VK000480GXNZA	HPG1	HPG1
1566	Universal Firmware Package for Drives - MK000480GXNKB, MK000960GXNZK, MK001920GXNZL, MK003840GXNZN, VK000240GXNWU, VK000480GXNZA, VK000960GXNZB,	Micron_5400_M5400AL LHPG1.fwpkg	VK000960GXNZB	HPG1	HPG1

	VK001920GXNZC, VK003840GXNZD, VK007680GXNZE, VK000480SXNWV, VK001920SXNZF, MK000960SXNXC and MK001920SXNZP				
1567	Universal Firmware Package for Drives - MK000480GXNXB, MK000960GXNZK, MK001920GXNZL, MK003840GXNZN, VK000240GXNWU, VK000480GXNZA, VK000960GXNZB, VK001920GXNZC, VK003840GXNZD, VK007680GXNZE, VK000480SXNWV, VK001920SXNZF, MK000960SXNXC and MK001920SXNZP	Micron_5400_M5400AL LHPG1.fwpkg	VK001920GXNZC	HPG1	HPG1
1568	Universal Firmware Package for Drives - MK000480GXNXB, MK000960GXNZK, MK001920GXNZL, MK003840GXNZN, VK000240GXNWU, VK000480GXNZA, VK000960GXNZB, VK001920GXNZC, VK003840GXNZD, VK007680GXNZE, VK000480SXNWV, VK001920SXNZF, MK000960SXNXC and MK001920SXNZP	Micron_5400_M5400AL LHPG1.fwpkg	VK003840GXNZD	HPG1	HPG1
1569	Universal Firmware Package for Drives - MK000480GXNXB, MK000960GXNZK, MK001920GXNZL, MK003840GXNZN, VK000240GXNWU, VK000480GXNZA, VK000960GXNZB, VK001920GXNZC, VK003840GXNZD, VK007680GXNZE, VK000480SXNWV, VK001920SXNZF, MK000960SXNXC and MK001920SXNZP	Micron_5400_M5400AL LHPG1.fwpkg	MK000960SXNXC	HPG1	HPG1
1570	Universal Firmware Package for Drives - MK000480GXNXB, MK000960GXNZK, MK001920GXNZL, MK003840GXNZN, VK000240GXNWU, VK000480GXNZA, VK000960GXNZB, VK001920GXNZC, VK003840GXNZD, VK007680GXNZE, VK000480SXNWV, VK001920SXNZF, MK000960SXNXC and MK001920SXNZP	Micron_5400_M5400AL LHPG1.fwpkg	MK001920SXNZP	HPG1	HPG1
1571	Universal Firmware Package for Drives - MK000480GXNXB, MK000960GXNZK, MK001920GXNZL, MK003840GXNZN, VK000240GXNWU, VK000480GXNZA, VK000960GXNZB, VK001920GXNZC, VK003840GXNZD, VK007680GXNZE, VK000480SXNWV, VK001920SXNZF, MK000960SXNXC and MK001920SXNZP	Micron_5400_M5400AL LHPG1.fwpkg	VK001920SXNZF	HPG1	HPG1
1572	Universal Firmware Package for Drives - MK000480GXNXB, MK000960GXNZK, MK001920GXNZL, MK003840GXNZN, VK000240GXNWU, VK000480GXNZA, VK000960GXNZB, VK001920GXNZC, VK003840GXNZD, VK007680GXNZE, VK000480SXNWV, VK001920SXNZF, MK000960SXNXC and MK001920SXNZP	Micron_5400_M5400AL LHPG1.fwpkg	VK000480SXNWV	HPG1	HPG1
1573	Universal Firmware Package for Drives - MK000480GXNXB, MK000960GXNZK, MK001920GXNZL, MK003840GXNZN, VK000240GXNWU, VK000480GXNZA, VK000960GXNZB, VK001920GXNZC, VK003840GXNZD, VK007680GXNZE, VK000480SXNWV, VK001920SXNZF, MK000960SXNXC	Micron_5400_M5400AL LHPG1.fwpkg	VK007680GXNZE	HPG1	HPG1

	and MK001920SXNZP				
1574	Universal Firmware Package for Drives - MK000480GXNKB, MK000960GXNZK, MK001920GXNZL, MK003840GXNZN, VK000240GXNWU, VK000480GXNZA, VK000960GXNZB, VK001920GXNZC, VK003840GXNZD, VK007680GXNZE, VK000480SXNWV, VK001920SXNZF, MK000960SXNXC and MK001920SXNZP	Micron_5400_M5400AL LHPG1.fwpkg	VR000240GXNXA	HPG1	HPG1
1575	Universal Firmware Package for Drives - MK000480GXNKB, MK000960GXNZK, MK001920GXNZL, MK003840GXNZN, VK000240GXNWU, VK000480GXNZA, VK000960GXNZB, VK001920GXNZC, VK003840GXNZD, VK007680GXNZE, VK000480SXNWV, VK001920SXNZF, MK000960SXNXC and MK001920SXNZP	Micron_5400_M5400AL LHPG1.fwpkg	VR000480GXNZH	HPG1	HPG1
1576	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,V K000960GYCNK ,VK001920GYCNL ,VK 003840GYCNN ,VK007680GYCNE ,VR0 00240GXPQT and VR000480GXPQU	Solidigm_54X20_4IYYH PG4.fwpkg	MK000480GYCNT	HPG4	HPG4
1577	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,V K000960GYCNK ,VK001920GYCNL ,VK 003840GYCNN ,VK007680GYCNE ,VR0 00240GXPQT and VR000480GXPQU	Solidigm_54X20_4IYYH PG4.fwpkg	MK000960GYCNP	HPG4	HPG4
1578	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,V K000960GYCNK ,VK001920GYCNL ,VK 003840GYCNN ,VK007680GYCNE ,VR0 00240GXPQT and VR000480GXPQU	Solidigm_54X20_4IYYH PG4.fwpkg	MK001920GYCNF	HPG4	HPG4
1579	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,V K000960GYCNK ,VK001920GYCNL ,VK 003840GYCNN ,VK007680GYCNE ,VR0 00240GXPQT and VR000480GXPQU	Solidigm_54X20_4IYYH PG4.fwpkg	MK003840GYCNQ	HPG4	HPG4
1580	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,V K000960GYCNK ,VK001920GYCNL ,VK 003840GYCNN ,VK007680GYCNE ,VR0 00240GXPQT and VR000480GXPQU	Solidigm_54X20_4IYYH PG4.fwpkg	VK000240GYCNU	HPG4	HPG4
1581	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,V K000960GYCNK ,VK001920GYCNL ,VK 003840GYCNN ,VK007680GYCNE ,VR0	Solidigm_54X20_4IYYH PG4.fwpkg	VK000480GYCNH	HPG4	HPG4

	00240GXPQT and VR000480GXPQU				
1582	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,V K000960GYCNK ,VK001920GYCNL ,VK 003840GYCNN ,VK007680GYCNE ,VR0 00240GXPQT and VR000480GXPQU	Solidigm_S4X20_4IYYH PG4.fwpkg	VK000960GYCNK	HPG4	HPG4
1583	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,V K000960GYCNK ,VK001920GYCNL ,VK 003840GYCNN ,VK007680GYCNE ,VR0 00240GXPQT and VR000480GXPQU	Solidigm_S4X20_4IYYH PG4.fwpkg	VK001920GYCNL	HPG4	HPG4
1584	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,V K000960GYCNK ,VK001920GYCNL ,VK 003840GYCNN ,VK007680GYCNE ,VR0 00240GXPQT and VR000480GXPQU	Solidigm_S4X20_4IYYH PG4.fwpkg	VK003840GYCNN	HPG4	HPG4
1585	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,V K000960GYCNK ,VK001920GYCNL ,VK 003840GYCNN ,VK007680GYCNE ,VR0 00240GXPQT and VR000480GXPQU	Solidigm_S4X20_4IYYH PG4.fwpkg	VK007680GYCNE	HPG4	HPG4
1586	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,V K000960GYCNK ,VK001920GYCNL ,VK 003840GYCNN ,VK007680GYCNE ,VR0 00240GXPQT and VR000480GXPQU	Solidigm_S4X20_4IYYH PG4.fwpkg	VR000240GXPQT	HPG4	HPG4
1587	Universal Firmware Package for Drives - MK000480GYCNT ,MK000960GYCNP , MK001920GYCNF ,MK003840GYCNQ , VK000240GYCNU ,VK000480GYCNH ,V K000960GYCNK ,VK001920GYCNL ,VK 003840GYCNN ,VK007680GYCNE ,VR0 00240GXPQT and VR000480GXPQU	Solidigm_S4X20_4IYYH PG4.fwpkg	VR000480GXPQU	HPG4	HPG4

6.2.15 Firmware - Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
1588	Firmware Package - HPE Gen12 Boot Controller NS204i-u, HPE Gen11 Boot Controller NS204i-u, NS204i-d and HPE Gen10 Plus Boot Controller NS204i-p, NS204i-d, NS204i-t, NS204i-r	HPE_NS204i_1.2.14.102 9_B.fwpkg	HPE NS204i-p Gen10+ Boot Controller	1.2.14.1029 (B)	1.2.14.1029
1589	Firmware Package - HPE Gen12 Boot Controller NS204i-u, HPE Gen11 Boot Controller NS204i-u, NS204i-d and HPE Gen10 Plus Boot Controller NS204i-p, NS204i-d, NS204i-t, NS204i-r	HPE_NS204i_1.2.14.102 9_B.fwpkg	HPE NS204i-r Gen10+ Boot Controller	1.2.14.1029 (B)	1.2.14.1029

1590	Firmware Package - HPE MR216i-a Gen10 Plus Tri Mode Controller	HPE_MR216i-a_Gen10P_52.36.3-6584_A.fwpkg	Broadcom MR216i-a Cntrl for HPE Gen10+	52.36.3-6584	52.36.3-6584
1591	Firmware Package - HPE MR216i-p Gen10 Plus Tri Mode Controller	HPE_MR216i-p_Gen10P_52.36.3-6584_A.fwpkg	Broadcom MR216i-p Cntrl for HPE Gen10+	52.36.3-6584	52.36.3-6584
1592	Firmware Package - HPE MR416i-a Gen10 Plus Tri Mode Controller	HPE_MR416i-a_Gen10P_52.36.3-6584_A.fwpkg	Broadcom MR416i-a Cntrl for HPE Gen10+	52.36.3-6584	52.36.3-6584
1593	Firmware Package - HPE MR416i-p Gen10 Plus Tri Mode Controller	HPE_MR416i-p_Gen10P_52.36.3-6584_A.fwpkg	Broadcom MR416i-p Cntrl for HPE Gen10+	52.36.3-6584	52.36.3-6584
1594	Firmware Package - HPE SR932i-p Gen10 Plus /SR416i-a Gen10 Plus/SR932i-p Gen11/SR416ie-m Gen11 Controllers	HPE_SR416_SR932_Gen10P_Gen11_03.01.44.040_A.fwpkg	Microchip SR416i-a Cntrl for HPE Gen10+	03.01.44.040	03.01.44.040
1595	Firmware Package - HPE SR932i-p Gen10 Plus /SR416i-a Gen10 Plus/SR932i-p Gen11/SR416ie-m Gen11 Controllers	HPE_SR416_SR932_Gen10P_Gen11_03.01.44.040_A.fwpkg	Microchip SR932i-p Cntrl for HPE Gen10+	03.01.44.040	03.01.44.040
1596	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_8.00_A.fwpkg	HPE Smart Array E208e-p SR Gen10 Controller	8.00	8.00
1597	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_8.00_A.fwpkg	HPE Smart Array P816i-a SR Gen10 Controller	8.00	8.00
1598	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_8.00_A.fwpkg	HPE Smart Array P408i-a SR Gen10 Controller	8.00	8.00
1599	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_8.00_A.fwpkg	HPE Smart Array P408i-p SR Gen10 Controller	8.00	8.00
1600	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_8.00_A.fwpkg	HPE Smart Array E208i-a SR Gen10 Controller	8.00	8.00
1601	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_8.00_A.fwpkg	HPE Smart Array E208i-p SR Gen10 Controller	8.00	8.00
1602	Online ROM Flash Component for VMware ESXi - HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers	CP070868.zip	HPE 12Gb SAS Expander Card	5.15 (D)	5.15
1603	Online ROM Flash Component for Windows (x64) - HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers	cp067916.exe	HPE 12Gb SAS Expander Card	5.15 (E)	5.15

1604	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-5.15-6.1.x86_64.rpm	HPE 12Gb SAS Expander Card	5.15 (F)	5.15

6.2.16 Firmware - Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
1605	Online Intel Optane SSD Flash Component for Linux - SSDPEL1K375GA Drive	firmware-hdd-intel-optane-pel1k375ga-E2010603-1.1.x86_64.rpm	SSDPEL1K375GA	E2010603 (A)	E2010603
1606	Online NVMe SSD Flash Component for Microsoft Windows - KXG50PNV2T04 Drives	cp070412.exe	KXG50PNV2T04	AFGA4103 (B)	AFGA4103
1607	Online NVMe SSD Flash Component for Microsoft Windows - KXG50ZNV256G, KXG50ZNV512G and KXG50ZNV1T Drives	cp070452.exe	KXG50ZNV256G	AAGA4103 (B)	AAGA4103
1608	Online NVMe SSD Flash Component for Microsoft Windows - KXG50ZNV256G, KXG50ZNV512G and KXG50ZNV1T Drives	cp070452.exe	KXG50ZNV512G	AAGA4103 (B)	AAGA4103
1609	Online NVMe SSD Flash Component for Microsoft Windows - KXG50ZNV256G, KXG50ZNV512G and KXG50ZNV1T Drives	cp070452.exe	KXG50ZNV1T	AAGA4103 (B)	AAGA4103
1610	Online NVMe SSD Flash Component for Microsoft Windows - MZ1LB3T8HMLA-00007 Drive	cp070453.exe	MZ1LB3T8HMLA-00007	EDB7602Q (B)	EDB7602Q
1611	Online NVMe SSD Flash Component for Microsoft Windows - MZ1LB960HAJQ-00007, MZ1LB1T9HALS-00007 and MZ1LB3T8HMLA-00007 Drives	cp070450.exe	MZ1LB1T9HALS-00007	EDA7602Q (B)	EDA7602Q
1612	Online NVMe SSD Flash Component for Microsoft Windows - MZ1LB960HAJQ-00007, MZ1LB1T9HALS-00007 and MZ1LB3T8HMLA-00007 Drives	cp070450.exe	MZ1LB960HAJQ-00007	EDA7602Q (B)	EDA7602Q
1613	Online NVMe SSD Flash Component for Microsoft Windows - MZ1LB960HAJQ-00007, MZ1LB1T9HALS-00007 and MZ1LB3T8HMLA-00007 Drives	cp070450.exe	MZ1LB3T8HMLA-00007	EDA7602Q (B)	EDA7602Q

6.2.17 Firmware - Storage Fibre Channel

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
1614	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2026.04.01-1.2.x86_64.rpm	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.5
1615	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2026.04.01-1.2.x86_64.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.5
1616	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2026.04.01-1.2.x86_64.rpm	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.5
1617	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux	firmware-fc-emulex-2026.04.01-1.2.x86_64.rpm	HPE SN1600E 32Gb Single Port Fibre	2026.04.01	14.4.731.5

	(x64)		Channel Host Bus Adapter		
1618	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2026.04.01-1.2.x86_64.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.10
1619	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2026.04.01-1.2.x86_64.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.10
1620	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2025 x64	cp070314.exe	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.5
1621	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2025 x64	cp070314.exe	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.5
1622	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2025 x64	cp070314.exe	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.5
1623	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2025 x64	cp070314.exe	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.5
1624	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2025 x64	cp070314.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.10
1625	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2025 x64	cp070314.exe	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.10
1626	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 8.0	CP070311.zip	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.5
1627	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 8.0	CP070311.zip	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.5
1628	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 8.0	CP070311.zip	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.5
1629	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 8.0	CP070311.zip	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.5
1630	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 8.0	CP070311.zip	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.10
1631	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 8.0	CP070311.zip	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.10
1632	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 9.0	CP070312.zip	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.5
1633	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 9.0	CP070312.zip	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.5

1634	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 9.0	CP070312.zip	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.5
1635	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 9.0	CP070312.zip	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.5
1636	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 9.0	CP070312.zip	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.10
1637	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 9.0	CP070312.zip	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	2026.04.01	14.4.731.10
1638	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2026.06.01-1.3.x86_64.rpm	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2026.06.01	02.05.01
1639	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2026.06.01-1.3.x86_64.rpm	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2026.06.01	02.05.01
1640	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2026.06.01-1.3.x86_64.rpm	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2026.06.01	02.05.01
1641	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2026.06.01-1.3.x86_64.rpm	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2026.06.01	02.05.01
1642	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2026.06.01-1.3.x86_64.rpm	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2026.06.01	02.11.13
1643	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2026.06.01-1.3.x86_64.rpm	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2026.06.01	02.11.13
1644	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2022 (x86_64)	cp071249.exe	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2026.06.01	02.05.01
1645	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2022 (x86_64)	cp071249.exe	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2026.06.01	02.05.01
1646	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2022 (x86_64)	cp071249.exe	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2026.06.01	02.05.01
1647	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2022 (x86_64)	cp071249.exe	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2026.06.01	02.05.01
1648	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2022 (x86_64)	cp071249.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2026.06.01	02.11.13
1649	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2022 (x86_64)	cp071249.exe	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2026.06.01	02.11.13
1650	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for	CP071245.zip	HPE SN1100Q 16Gb Dual Port Fibre	2026.06.01	02.05.01

	VMware vSphere 8.0		Channel Host Bus Adapter		
1651	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 8.0	CP071245.zip	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2026.06.01	02.05.01
1652	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 8.0	CP071245.zip	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2026.06.01	02.05.01
1653	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 8.0	CP071245.zip	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2026.06.01	02.05.01
1654	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 8.0	CP071245.zip	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2026.06.01	02.11.13
1655	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 8.0	CP071245.zip	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2026.06.01	02.11.13
1656	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 9.0 and vSphere 9.1	CP071246.zip	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2026.06.01	02.05.01
1657	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 9.0 and vSphere 9.1	CP071246.zip	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2026.06.01	02.05.01
1658	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 9.0 and vSphere 9.1	CP071246.zip	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2026.06.01	02.05.01
1659	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 9.0 and vSphere 9.1	CP071246.zip	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2026.06.01	02.05.01
1660	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 9.0 and vSphere 9.1	CP071246.zip	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2026.06.01	02.11.13
1661	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 9.0 and vSphere 9.1	CP071246.zip	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2026.06.01	02.11.13

6.2.18 Firmware – System

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
1662	Firmware Package - Gen10 NVMe Backplane PIC Firmware	ISS_NVMe_BP_PIC_flashV1B24.fwpkg	NVMe Backplane PIC	1.24 (E)	1.24
1663	Firmware Package - UBM1 Backplane PIC PLDM Firmware	HPE_UBM1_1.46_B.fwpkg	UBM1 Backplane PIC	1.46 (B)	1.46
1664	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
1665	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
1666	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
1667	Firmware Package - UBM6 Backplane	HPE_UBM6_1.06_B.fwp	UBM6 Backplane	1.06 (B)	1.06

	PIC PLDM Firmware for Gen10/Gen10P/Gen11/Gen12 servers usage	kg	PIC		
1668	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-0.2.3.0-4.1.x86_64.rpm	-	0.2.3.0 (D)	0.2.3.0
1669	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-04.01.05.201-1.1.x86_64.rpm	-	04.01.05.201	4.1.5.201
1670	Online Flash for Linux - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	firmware-sps-04.04.04.925-1.1.x86_64.rpm	-	04.04.04.925	4.4.4.925
1671	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	cp069582.exe	-	04.01.05.201 (B)	4.1.5.201
1672	Online Flash for Windows x64 - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	cp070487.exe	-	04.04.04.925	4.4.4.925
1673	Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	cp070635.exe	-	06.00.03.708 (C)	6.0.3.708
1674	Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	cp069635.exe	-	05.01.05.103 (B)	5.1.5.103
1675	Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems	cp070628.exe	-	06.00.03.708 (C)	6.0.3.708
1676	Online ROM Flash for Linux - Innovation Engine Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	firmware-ie-1.0.0.22-5.1.x86_64.rpm	-	1.0.0.22 (E)	1.0.0.22
1677	Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	firmware-u61sps-06.00.03.708-3.1.x86_64.rpm	-	06.00.03.708 (C)	6.0.3.708
1678	Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	firmware-u43u44sps-05.01.05.103-1.1.x86_64.rpm	-	05.01.05.103	5.1.5.103
1679	Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems	firmware-u60sps-06.00.03.708-3.1.x86_64.rpm	-	06.00.03.708 (C)	6.0.3.708
1680	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	-	0.2.3.0 (B)	0.2.3.0
1681	ROM Flash Firmware Package -	OEM.IEGen10Plus_1.0.	-	1.0.0.22 (B)	1.0.0.22

	Innovation Engine Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	0.22.fwpkg			
1682	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_04.01.05.201.fwpkg	-	04.01.05.201	4.1.5.201
1683	ROM Flash Firmware Package - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	OEM.SPSGen10Plus_04.04.04.925.fwpkg	-	04.04.04.925	4.4.4.925
1684	ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	OEM.DL20ML30Gen10SPS_05.01.05.103.fwpkg	-	05.01.05.103	5.1.5.103
1685	ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	OEM.SC_ML30GEN10Plus_ME_06.00.03.708.fwpkg	-	06.00.03.708 (B)	6.0.3.708
1686	ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems	OEM.SC_DL20GEN10Plus_ME_06.00.03.708.fwpkg	-	06.00.03.708 (B)	6.0.3.708

6.2.19 Software - Lights-Out Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
1687	HPE Lights-Out Online Configuration Utility for Linux (AMD64/EM64T)	hponcfg-6.1.0-0.x86_64.rpm	-	6.1.0.0 (A)	6.1.0-0
1688	HPE Lights-Out Online Configuration Utility for Windows x64 Editions	cp070206.exe	-	6.0.0.0 (B)	6.0.0.0

6.2.20 Software - Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
1689	HPE iLO Driver Bundle Smart Component for ESXi 8.0 and ESXi 9.0	cp070019.zip	-	2026.03.00	800.10.9.1.4-1 OEM.800.1.0.20613240
1690	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069350.zip	HPE Smart Array P816i-a SR Gen10 Controller	2026.03.01	6.60.8.0-8.0.0.20613240
1691	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069350.zip	HPE Smart Array P408i-a SR Gen10 Controller	2026.03.01	6.60.8.0-8.0.0.20613240
1692	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069350.zip	HPE Smart Array P408i-p SR Gen10 Controller	2026.03.01	6.60.8.0-8.0.0.20613240
1693	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069350.zip	HPE Smart Array E208e-p SR Gen10 Controller	2026.03.01	6.60.8.0-8.0.0.20613240
1694	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069350.zip	HPE Smart Array E208i-a SR Gen10 Controller	2026.03.01	6.60.8.0-8.0.0.20613240
1695	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069350.zip	HPE Smart Array E208i-p SR Gen10 Controller	2026.03.01	6.60.8.0-8.0.0.20613240
1696	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069350.zip	Microchip SR416i-a Cntrl for HPE Gen10+	2026.03.01	6.60.8.0-8.0.0.20613240
1697	Smart Storage Administrator (SSA) CLI	cp069350.zip	Microchip SR932i-p	2026.03.01	6.60.8.0-8.0.0.

	Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers		Cntrl for HPE Gen10+		20613240
1698	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069350.zip	Smart Array S100i SR	2026.03.01	6.60.8.0-8.0.0.20613240
1699	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069350.zip	Smart Array S100i SR	2026.03.01	6.60.8.0-8.0.0.20613240
1700	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069350.zip	Smart Array S100i SR	2026.03.01	6.60.8.0-8.0.0.20613240
1701	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069350.zip	HPE 12Gb SAS Expander Card	2026.03.01	6.60.8.0-8.0.0.20613240
1702	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069349.zip	HPE Smart Array P816i-a SR Gen10 Controller	2026.03.01	6.60.11.0-10E M.900.0.2475 5229
1703	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069349.zip	HPE Smart Array P408i-a SR Gen10 Controller	2026.03.01	6.60.11.0-10E M.900.0.2475 5229
1704	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069349.zip	HPE Smart Array P408i-p SR Gen10 Controller	2026.03.01	6.60.11.0-10E M.900.0.2475 5229
1705	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069349.zip	HPE Smart Array E208e-p SR Gen10 Controller	2026.03.01	6.60.11.0-10E M.900.0.2475 5229
1706	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069349.zip	HPE Smart Array E208i-a SR Gen10 Controller	2026.03.01	6.60.11.0-10E M.900.0.2475 5229
1707	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069349.zip	HPE Smart Array E208i-p SR Gen10 Controller	2026.03.01	6.60.11.0-10E M.900.0.2475 5229
1708	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069349.zip	Microchip SR416i-a Cntrl for HPE Gen10+	2026.03.01	6.60.11.0-10E M.900.0.2475 5229
1709	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069349.zip	Microchip SR932i-p Cntrl for HPE Gen10+	2026.03.01	6.60.11.0-10E M.900.0.2475 5229
1710	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069349.zip	Smart Array S100i SR	2026.03.01	6.60.11.0-10E M.900.0.2475 5229
1711	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069349.zip	Smart Array S100i SR	2026.03.01	6.60.11.0-10E M.900.0.2475 5229
1712	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069349.zip	Smart Array S100i SR	2026.03.01	6.60.11.0-10E M.900.0.2475 5229
1713	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp069349.zip	HPE 12Gb SAS Expander Card	2026.03.01	6.60.11.0-10E M.900.0.2475 5229
1714	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.1 for Gen10/Gen10 Plus/Gen11 Controllers	cp070854.zip	HPE Smart Array P816i-a SR Gen10 Controller	2026.03.01	6.60.11.0-10E M.900.0.2475 5229
1715	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.1 for Gen10/Gen10 Plus/Gen11 Controllers	cp070854.zip	HPE Smart Array P408i-a SR Gen10 Controller	2026.03.01	6.60.11.0-10E M.900.0.2475 5229
1716	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.1 for Gen10/Gen10 Plus/Gen11 Controllers	cp070854.zip	HPE Smart Array P408i-p SR Gen10 Controller	2026.03.01	6.60.11.0-10E M.900.0.2475 5229
1717	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.1 for Gen10/Gen10 Plus/Gen11 Controllers	cp070854.zip	HPE Smart Array E208e-p SR Gen10 Controller	2026.03.01	6.60.11.0-10E M.900.0.2475 5229
1718	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.1 for Gen10/Gen10 Plus/Gen11 Controllers	cp070854.zip	HPE Smart Array E208i-a SR Gen10 Controller	2026.03.01	6.60.11.0-10E M.900.0.2475 5229
1719	Smart Storage Administrator (SSA) CLI	cp070854.zip	HPE Smart Array	2026.03.01	6.60.11.0-10E

	Smart Component for ESXi 9.1 for Gen10/Gen10 Plus/Gen11 Controllers		E208i-p SR Gen10 Controller		M.900.0.2475 5229
1720	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.1 for Gen10/Gen10 Plus/Gen11 Controllers	cp070854.zip	Microchip SR416i-a Cntrl for HPE Gen10+	2026.03.01	6.60.11.0-10E M.900.0.2475 5229
1721	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.1 for Gen10/Gen10 Plus/Gen11 Controllers	cp070854.zip	Microchip SR932i-p Cntrl for HPE Gen10+	2026.03.01	6.60.11.0-10E M.900.0.2475 5229
1722	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.1 for Gen10/Gen10 Plus/Gen11 Controllers	cp070854.zip	Smart Array S100i SR	2026.03.01	6.60.11.0-10E M.900.0.2475 5229
1723	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.1 for Gen10/Gen10 Plus/Gen11 Controllers	cp070854.zip	Smart Array S100i SR	2026.03.01	6.60.11.0-10E M.900.0.2475 5229
1724	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.1 for Gen10/Gen10 Plus/Gen11 Controllers	cp070854.zip	Smart Array S100i SR	2026.03.01	6.60.11.0-10E M.900.0.2475 5229
1725	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.1 for Gen10/Gen10 Plus/Gen11 Controllers	cp070854.zip	HPE 12Gb SAS Expander Card	2026.03.01	6.60.11.0-10E M.900.0.2475 5229

6.2.21 Software - Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
1726	HPE MegaRAID Storage Administrator StorCLI for VMware8.0 (For Gen10P and Gen11 Controllers)	cp068889.zip	Broadcom MR416i-p Cntrl for HPE Gen10+	2026.03.01	007.3604.000 0.0000-03
1727	HPE MegaRAID Storage Administrator StorCLI for VMware8.0 (For Gen10P and Gen11 Controllers)	cp068889.zip	Broadcom MR416i-a Cntrl for HPE Gen10+	2026.03.01	007.3604.000 0.0000-03
1728	HPE MegaRAID Storage Administrator StorCLI for VMware8.0 (For Gen10P and Gen11 Controllers)	cp068889.zip	Broadcom MR216i-p Cntrl for HPE Gen10+	2026.03.01	007.3604.000 0.0000-03
1729	HPE MegaRAID Storage Administrator StorCLI for VMware8.0 (For Gen10P and Gen11 Controllers)	cp068889.zip	Broadcom MR216i-a Cntrl for HPE Gen10+	2026.03.01	007.3604.000 0.0000-03
1730	HPE MegaRAID Storage Administrator StorCLI for VMware9.0 (For Gen10P and Gen11 Controllers)	cp068890.zip	Broadcom MR416i-p Cntrl for HPE Gen10+	2026.03.01	007.3604.000 0-10EM.900.0 .24755229
1731	HPE MegaRAID Storage Administrator StorCLI for VMware9.0 (For Gen10P and Gen11 Controllers)	cp068890.zip	Broadcom MR416i-a Cntrl for HPE Gen10+	2026.03.01	007.3604.000 0-10EM.900.0 .24755229
1732	HPE MegaRAID Storage Administrator StorCLI for VMware9.0 (For Gen10P and Gen11 Controllers)	cp068890.zip	Broadcom MR216i-p Cntrl for HPE Gen10+	2026.03.01	007.3604.000 0-10EM.900.0 .24755229
1733	HPE MegaRAID Storage Administrator StorCLI for VMware9.0 (For Gen10P and Gen11 Controllers)	cp068890.zip	Broadcom MR216i-a Cntrl for HPE Gen10+	2026.03.01	007.3604.000 0-10EM.900.0 .24755229
1734	HPE MegaRAID Storage Administrator StorCLI for VMware9.1 (For Gen10P and Gen11 Controllers)	cp070800.zip	Broadcom MR416i-p Cntrl for HPE Gen10+	2026.03.01	007.3604.000 0-10EM.900.0 .24755229
1735	HPE MegaRAID Storage Administrator StorCLI for VMware9.1 (For Gen10P and Gen11 Controllers)	cp070800.zip	Broadcom MR416i-a Cntrl for HPE Gen10+	2026.03.01	007.3604.000 0-10EM.900.0 .24755229
1736	HPE MegaRAID Storage Administrator StorCLI for VMware9.1 (For Gen10P and Gen11 Controllers)	cp070800.zip	Broadcom MR216i-p Cntrl for HPE Gen10+	2026.03.01	007.3604.000 0-10EM.900.0 .24755229
1737	HPE MegaRAID Storage Administrator StorCLI for VMware9.1 (For Gen10P and Gen11 Controllers)	cp070800.zip	Broadcom MR216i-a Cntrl for HPE Gen10+	2026.03.01	007.3604.000 0-10EM.900.0 .24755229
1738	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp067917.exe	HPE Smart Array P408i-a SR Gen10 Controller	1.2.1.69 (D)	1.2.1.69
1739	HPE Smart Array SR Event Notification	cp067917.exe	HPE Smart Array	1.2.1.69 (D)	1.2.1.69

	Service for Windows Server 64-bit Editions		P408i-p SR Gen10 Controller		
1740	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp067917.exe	HPE Smart Array P816i-a SR Gen10 Controller	1.2.1.69 (D)	1.2.1.69
1741	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp067917.exe	HPE Smart Array E208e-p SR Gen10 Controller	1.2.1.69 (D)	1.2.1.69
1742	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp067917.exe	HPE Smart Array E208i-p SR Gen10 Controller	1.2.1.69 (D)	1.2.1.69
1743	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp067917.exe	HPE Smart Array E208i-a SR Gen10 Controller	1.2.1.69 (D)	1.2.1.69

6.2.22 Software - Storage Fibre Channel

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
1744	HPE QLogic Fibre Channel driver component for VMware vSphere 8.0	cp070510.zip	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2026.04.01	5.4.86.0-1OE M.803.0.0.24 022510
1745	HPE QLogic Fibre Channel driver component for VMware vSphere 8.0	cp070510.zip	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2026.04.01	5.4.86.0-1OE M.803.0.0.24 022510
1746	HPE QLogic Fibre Channel driver component for VMware vSphere 8.0	cp070510.zip	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2026.04.01	5.4.86.0-1OE M.803.0.0.24 022510
1747	HPE QLogic Fibre Channel driver component for VMware vSphere 8.0	cp070510.zip	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2026.04.01	5.4.86.0-1OE M.803.0.0.24 022510
1748	HPE QLogic Fibre Channel driver component for VMware vSphere 8.0	cp070510.zip	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2026.04.01	5.4.86.0-1OE M.803.0.0.24 022510
1749	HPE QLogic Fibre Channel driver component for VMware vSphere 8.0	cp070510.zip	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2026.04.01	5.4.86.0-1OE M.803.0.0.24 022510
1750	HPE QLogic Fibre Channel driver component for VMware vSphere 9.0	cp070511.zip	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2026.04.01	5.5.86.0-1OE M.900.0.2475 5229
1751	HPE QLogic Fibre Channel driver component for VMware vSphere 9.0	cp070511.zip	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2026.04.01	5.5.86.0-1OE M.900.0.2475 5229
1752	HPE QLogic Fibre Channel driver component for VMware vSphere 9.0	cp070511.zip	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2026.04.01	5.5.86.0-1OE M.900.0.2475 5229
1753	HPE QLogic Fibre Channel driver component for VMware vSphere 9.0	cp070511.zip	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2026.04.01	5.5.86.0-1OE M.900.0.2475 5229
1754	HPE QLogic Fibre Channel driver component for VMware vSphere 9.0	cp070511.zip	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2026.04.01	5.5.86.0-1OE M.900.0.2475 5229
1755	HPE QLogic Fibre Channel driver component for VMware vSphere 9.0	cp070511.zip	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus	2026.04.01	5.5.86.0-1OE M.900.0.2475 5229

			Adapter		
1756	HPE QLogic Fibre Channel driver component for VMware vSphere 9.1	cp070519.zip	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2026.04.01	91.5.5.86.0-1 OEM.900.0.24 755229
1757	HPE QLogic Fibre Channel driver component for VMware vSphere 9.1	cp070519.zip	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2026.04.01	91.5.5.86.0-1 OEM.900.0.24 755229
1758	HPE QLogic Fibre Channel driver component for VMware vSphere 9.1	cp070519.zip	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2026.04.01	91.5.5.86.0-1 OEM.900.0.24 755229
1759	HPE QLogic Fibre Channel driver component for VMware vSphere 9.1	cp070519.zip	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2026.04.01	91.5.5.86.0-1 OEM.900.0.24 755229
1760	HPE QLogic Fibre Channel driver component for VMware vSphere 9.1	cp070519.zip	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2026.04.01	91.5.5.86.0-1 OEM.900.0.24 755229
1761	HPE QLogic Fibre Channel driver component for VMware vSphere 9.1	cp070519.zip	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2026.04.01	91.5.5.86.0-1 OEM.900.0.24 755229

6.2.23 Software - System Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version
1762	Agentless Management Service (iLO 5, iLO 6 and iLO 7) for Red Hat Enterprise Linux 9 Server	amsd-4.7.0-2151.8.rhel9.x86_64.rpm	-	4.7.0	4.7.0-2151.8.rhel9
1763	Agentless Management Service for Microsoft Windows x64	cp071001.exe	-	2.80.0.0	2.80.0.0
1764	HPE Agentless Management Bundle Smart Component on ESXi for Gen10 and Gen10 Plus Servers	cp070839.zip	-	2026.03.01	802.11.13.0.1-1
1765	HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit (for Gen10P and Gen11 Controllers)	storcli-007.3604.0000.0000-1.noarch.rpm	Broadcom MR416i-p Cntrl for HPE Gen10+	007.3604.000 0.0000	007.3604.000 0.0000-1
1766	HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit (for Gen10P and Gen11 Controllers)	storcli-007.3604.0000.0000-1.noarch.rpm	Broadcom MR416i-a Cntrl for HPE Gen10+	007.3604.000 0.0000	007.3604.000 0.0000-1
1767	HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit (for Gen10P and Gen11 Controllers)	storcli-007.3604.0000.0000-1.noarch.rpm	Broadcom MR216i-p Cntrl for HPE Gen10+	007.3604.000 0.0000	007.3604.000 0.0000-1
1768	HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit (for Gen10P and Gen11 Controllers)	storcli-007.3604.0000.0000-1.noarch.rpm	Broadcom MR216i-a Cntrl for HPE Gen10+	007.3604.000 0.0000	007.3604.000 0.0000-1
1769	HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit (for Gen10P and Gen11 Controllers)	cp068888.exe	Broadcom MR416i-p Cntrl for HPE Gen10+	7.3604.0.0	7.3604.0.0
1770	HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit (for Gen10P and Gen11 Controllers)	cp068888.exe	Broadcom MR416i-a Cntrl for HPE Gen10+	7.3604.0.0	7.3604.0.0
1771	HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit (for Gen10P and Gen11 Controllers)	cp068888.exe	Broadcom MR216i-p Cntrl for HPE Gen10+	7.3604.0.0	7.3604.0.0
1772	HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit (for Gen10P and Gen11 Controllers)	cp068888.exe	Broadcom MR216i-a Cntrl for HPE Gen10+	7.3604.0.0	7.3604.0.0
1773	HPE MegaRAID Storage Administrator for RHEL9, SLES15 and SLES16 (HPE MRSA for MR Controllers)	MRStorageAdminstrator-008.016.013.000-00.x86_64.rpm	Broadcom MR416i-p Cntrl for HPE Gen10+	8.16.13.0	008.016.013.0 00-00

1774	HPE MegaRAID Storage Administrator for RHEL9 ,SLES15 and SLES16 (HPE MRSA for MR Controllers)	MRStorageAdministrato r-008.016.013.000-00.x 86_64.rpm	Broadcom MR416i-a Cntrl for HPE Gen10+	8.16.13.0	008.016.013.0 00-00
1775	HPE MegaRAID Storage Administrator for RHEL9 ,SLES15 and SLES16 (HPE MRSA for MR Controllers)	MRStorageAdministrato r-008.016.013.000-00.x 86_64.rpm	Broadcom MR216i-p Cntrl for HPE Gen10+	8.16.13.0	008.016.013.0 00-00
1776	HPE MegaRAID Storage Administrator for RHEL9 ,SLES15 and SLES16 (HPE MRSA for MR Controllers)	MRStorageAdministrato r-008.016.013.000-00.x 86_64.rpm	Broadcom MR216i-a Cntrl for HPE Gen10+	8.16.13.0	008.016.013.0 00-00
1777	HPE MegaRAID Storage Administrator for Windows 64-bit (HPE MRSA for MR Controllers)	cp068891.exe	Broadcom MR416i-p Cntrl for HPE Gen10+	8.16.13.0	8.16.13.0
1778	HPE MegaRAID Storage Administrator for Windows 64-bit (HPE MRSA for MR Controllers)	cp068891.exe	Broadcom MR416i-a Cntrl for HPE Gen10+	8.16.13.0	8.16.13.0
1779	HPE MegaRAID Storage Administrator for Windows 64-bit (HPE MRSA for MR Controllers)	cp068891.exe	Broadcom MR216i-p Cntrl for HPE Gen10+	8.16.13.0	8.16.13.0
1780	HPE MegaRAID Storage Administrator for Windows 64-bit (HPE MRSA for MR Controllers)	cp068891.exe	Broadcom MR216i-a Cntrl for HPE Gen10+	8.16.13.0	8.16.13.0
1781	NVMe Drive Eject NMI Fix for Intel Xeon Processor Scalable Family for Microsoft Windows 64-bit	cp069728.exe	-	1.1.0.0 (J)	1.1.0.0
1782	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaccli-6.60-8.0.x86_64.r pm	HPE Smart Array P408i-a SR Gen10 Controller	6.60.8.0	6.60-8.0
1783	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaccli-6.60-8.0.x86_64.r pm	HPE Smart Array P408i-p SR Gen10 Controller	6.60.8.0	6.60-8.0
1784	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaccli-6.60-8.0.x86_64.r pm	HPE Smart Array P816i-a SR Gen10 Controller	6.60.8.0	6.60-8.0
1785	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaccli-6.60-8.0.x86_64.r pm	HPE Smart Array E208e-p SR Gen10 Controller	6.60.8.0	6.60-8.0
1786	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaccli-6.60-8.0.x86_64.r pm	HPE Smart Array E208i-a SR Gen10 Controller	6.60.8.0	6.60-8.0
1787	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaccli-6.60-8.0.x86_64.r pm	HPE Smart Array E208i-p SR Gen10 Controller	6.60.8.0	6.60-8.0
1788	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaccli-6.60-8.0.x86_64.r pm	Smart Array S100i SR	6.60.8.0	6.60-8.0
1789	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaccli-6.60-8.0.x86_64.r pm	Smart Array S100i SR	6.60.8.0	6.60-8.0
1790	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaccli-6.60-8.0.x86_64.r pm	Smart Array S100i SR	6.60.8.0	6.60-8.0
1791	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaccli-6.60-8.0.x86_64.r pm	Microchip SR416i-a Cntrl for HPE Gen10+	6.60.8.0	6.60-8.0
1792	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaccli-6.60-8.0.x86_64.r pm	Microchip SR932i-p Cntrl for HPE Gen10+	6.60.8.0	6.60-8.0
1793	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaccli-6.60-8.0.x86_64.r pm	HPE 12Gb SAS Expander Card	6.60.8.0	6.60-8.0
1794	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069346.exe	HPE Smart Array P408i-a SR Gen10 Controller	6.60.8.0	6.60.8.0
1795	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069346.exe	HPE Smart Array P408i-p SR Gen10 Controller	6.60.8.0	6.60.8.0

1796	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069346.exe	HPE Smart Array P816i-a SR Gen10 Controller	6.60.8.0	6.60.8.0
1797	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069346.exe	HPE Smart Array E208e-p SR Gen10 Controller	6.60.8.0	6.60.8.0
1798	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069346.exe	HPE Smart Array E208i-a SR Gen10 Controller	6.60.8.0	6.60.8.0
1799	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069346.exe	HPE Smart Array E208i-p SR Gen10 Controller	6.60.8.0	6.60.8.0
1800	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069346.exe	Microchip SR416i-a Cntrl for HPE Gen10+	6.60.8.0	6.60.8.0
1801	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069346.exe	Microchip SR932i-p Cntrl for HPE Gen10+	6.60.8.0	6.60.8.0
1802	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069346.exe	Smart Array S100i SR	6.60.8.0	6.60.8.0
1803	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069346.exe	Smart Array S100i SR	6.60.8.0	6.60.8.0
1804	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069346.exe	Smart Array S100i SR	6.60.8.0	6.60.8.0
1805	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069346.exe	HPE 12Gb SAS Expander Card	6.60.8.0	6.60.8.0
1806	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.60-8.0.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	6.60.8.0	6.60-8.0
1807	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.60-8.0.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	6.60.8.0	6.60-8.0
1808	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.60-8.0.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	6.60.8.0	6.60-8.0
1809	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.60-8.0.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	6.60.8.0	6.60-8.0
1810	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.60-8.0.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	6.60.8.0	6.60-8.0
1811	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.60-8.0.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	6.60.8.0	6.60-8.0
1812	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.60-8.0.x86_64.rpm	Smart Array S100i SR	6.60.8.0	6.60-8.0
1813	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.60-8.0.x86_64.rpm	Smart Array S100i SR	6.60.8.0	6.60-8.0
1814	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.60-8.0.x86_64.rpm	Smart Array S100i SR	6.60.8.0	6.60-8.0
1815	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.60-8.0.x86_64.rpm	Microchip SR416i-a Cntrl for HPE Gen10+	6.60.8.0	6.60-8.0
1816	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.60-8.0.x86_64.rpm	Microchip SR932i-p Cntrl for HPE Gen10+	6.60.8.0	6.60-8.0
1817	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.60-8.0.x86_64.rpm	HPE 12Gb SAS Expander Card	6.60.8.0	6.60-8.0

1818	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069345.exe	HPE Smart Array P408i-a SR Gen10 Controller	6.60.8.0	6.60.8.0
1819	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069345.exe	HPE Smart Array P408i-p SR Gen10 Controller	6.60.8.0	6.60.8.0
1820	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069345.exe	HPE Smart Array P816i-a SR Gen10 Controller	6.60.8.0	6.60.8.0
1821	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069345.exe	HPE Smart Array E208e-p SR Gen10 Controller	6.60.8.0	6.60.8.0
1822	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069345.exe	HPE Smart Array E208i-a SR Gen10 Controller	6.60.8.0	6.60.8.0
1823	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069345.exe	HPE Smart Array E208i-p SR Gen10 Controller	6.60.8.0	6.60.8.0
1824	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069345.exe	Microchip SR932i-p Cntrl for HPE Gen10+	6.60.8.0	6.60.8.0
1825	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069345.exe	Smart Array S100i SR	6.60.8.0	6.60.8.0
1826	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069345.exe	Smart Array S100i SR	6.60.8.0	6.60.8.0
1827	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069345.exe	Smart Array S100i SR	6.60.8.0	6.60.8.0
1828	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069345.exe	Microchip SR416i-a Cntrl for HPE Gen10+	6.60.8.0	6.60.8.0
1829	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069345.exe	HPE 12Gb SAS Expander Card	6.60.8.0	6.60.8.0
1830	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaduccli-6.60-8.0.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	6.60.8.0	6.60-8.0
1831	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaduccli-6.60-8.0.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	6.60.8.0	6.60-8.0
1832	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaduccli-6.60-8.0.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	6.60.8.0	6.60-8.0
1833	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaduccli-6.60-8.0.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	6.60.8.0	6.60-8.0
1834	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaduccli-6.60-8.0.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	6.60.8.0	6.60-8.0
1835	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaduccli-6.60-8.0.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	6.60.8.0	6.60-8.0
1836	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaduccli-6.60-8.0.x86_64.rpm	Smart Array S100i SR	6.60.8.0	6.60-8.0
1837	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for	ssaduccli-6.60-8.0.x86_64.rpm	Smart Array S100i SR	6.60.8.0	6.60-8.0

	Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers				
1838	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaduccli-6.60-8.0.x86_64.rpm	Smart Array S100i SR	6.60.8.0	6.60-8.0
1839	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaduccli-6.60-8.0.x86_64.rpm	Microchip SR416i-a Cntrl for HPE Gen10+	6.60.8.0	6.60-8.0
1840	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaduccli-6.60-8.0.x86_64.rpm	Microchip SR932i-p Cntrl for HPE Gen10+	6.60.8.0	6.60-8.0
1841	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaduccli-6.60-8.0.x86_64.rpm	HPE 12Gb SAS Expander Card	6.60.8.0	6.60-8.0
1842	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069347.exe	HPE Smart Array P408i-a SR Gen10 Controller	6.60.8.0	6.60.8.0
1843	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069347.exe	HPE Smart Array P408i-p SR Gen10 Controller	6.60.8.0	6.60.8.0
1844	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069347.exe	HPE Smart Array P816i-a SR Gen10 Controller	6.60.8.0	6.60.8.0
1845	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069347.exe	HPE Smart Array E208e-p SR Gen10 Controller	6.60.8.0	6.60.8.0
1846	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069347.exe	HPE Smart Array E208i-a SR Gen10 Controller	6.60.8.0	6.60.8.0
1847	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069347.exe	HPE Smart Array E208i-p SR Gen10 Controller	6.60.8.0	6.60.8.0
1848	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069347.exe	Smart Array S100i SR	6.60.8.0	6.60.8.0
1849	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069347.exe	Smart Array S100i SR	6.60.8.0	6.60.8.0
1850	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069347.exe	Smart Array S100i SR	6.60.8.0	6.60.8.0
1851	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069347.exe	Microchip SR416i-a Cntrl for HPE Gen10+	6.60.8.0	6.60.8.0
1852	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069347.exe	Microchip SR932i-p Cntrl for HPE Gen10+	6.60.8.0	6.60.8.0
1853	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp069347.exe	HPE 12Gb SAS Expander Card	6.60.8.0	6.60.8.0

6.3 パッケージの変更内容

Online ROM Flash Component for Linux - System ROM U34

Version: 3.66_04-01-2026

Important Note!

- This version of the System ROM contains updates aligned with the Intel Purley IPU2025.3 update.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 04.01.05.201.
- This version of the System ROM contains updates aligned with the Intel IPU 2025.2 updates.

Problems Fixed:

- Addressed an issue where BIOS would not retry power calibration when requested by iLO in cases where power samples were incorrect, preventing dynamic power capping from being enabled or accessed.
- Addressed an issue where the system iLO Remote Console could become unresponsive when a warning message appeared in RBSU.
- Addressed an issue where the system RBSU setting change might not take effect when the System ROM is being updated.
- Addressed an issue where the system might have false IML message "Processor X, DIMM Y - This NVDIMM is NOT a SmartMemory NVDIMM".
- Addressed an issue where the system might trigger BitLocker Recovery after reboot.
- Addressed an issue where the system iLO remote console might hang in glyph loop error handling when the System Utilities Language is set to Japanese.

Enhancements:

- Removed Expired SUSE and Vmware Certificates.
- Improved detection and interaction with certain PCIe cards during UEFI HBA discovery process.
- 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 U30

Version: 3.66_04-01-2026

Important Notes:

- This version of the System ROM contains updates aligned with the Intel Purley IPU2025.3 update.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 04.01.05.201.

Problems Fixed:

- Addressed an issue where BIOS would not retry power calibration when requested by iLO in cases where power samples were incorrect, preventing dynamic power capping from being enabled or accessed.
- Addressed an issue where the system iLO Remote Console could become unresponsive when a warning

message appeared in RBSU.

- Addressed an issue where the system RBSU setting change might not take effect when the System ROM is being updated.
- Addressed an issue where the system might have false IML message "Processor X, DIMM Y - This NVDIMM is NOT a SmartMemory NVDIMM".
- Addressed an issue where the system might trigger BitLocker Recovery after reboot.
- Addressed an issue where the system iLO remote console might hang in glyph loop error handling when the System Utilities Language is set to Japanese.

Enhancements:

- Removed Expired SUSE and Vmware Certificates.
- Improved detection and interaction with certain PCIe cards during UEFI HBA discovery process.
- 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 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 use 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 use 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: 3.74_04-01-2026

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2025.3 guidance.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 05.01.05.103.
- This version of the System ROM contains updates aligned with the Intel Mehlow IPU 2025.2 update.

Problems Fixed:

- Resolved a security vulnerability where a NULL pointer dereference could cause a system crash during boot if an internal memory allocation failed during the ExitBootServices or boot option launch sequence.
- Addressed an issue where the Minimum Processor Idle Power Package C-State options were not appearing in System Configuration (RBSU) under Power and Performance Options on ML30 Gen10 and DL20 Gen10 platforms.
- Addressed an issue where the system iLO Remote Console could become unresponsive when a warning message appeared in RBSU.
- Addressed an issue where the Name field of the Logical Drive under MR controller page might be missing or changed unintentionally after exiting and going back to the MR controller page.

Enhancements/New Features:

- Updated multi-language translation.
- Removed Expired SUSE and VMware Certificates.

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: 2.64_04-01-2026

Important Note!

- This version of the System ROM contains updates aligned with the Intel Whitley IPU2026.1 RC update.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 04.04.04.925.
- This version of the System ROM contains updates aligned with the Intel IPU 2025.2 updates.

Problems Fixed:

- This revision of the System ROM includes the mitigation for CVE-2026-22796 security vulnerability.
- Addressed a critical SMM (System Management Mode) execution issue where corrected error handling code for non-memory or non-PCIe errors would access non-SMRAM memory, causing page fault exceptions. The fix caches environment variables in SMM via Constructor to prevent accessing non-SMRAM memory during SMM execution.
- Addressed an issue where systems configured with Secure Boot may experience a Red Screen of Death upon removal of Microsoft Windows Production PCA certificates from the Secure Boot database.
- Addressed an issue where the system PXE boot in legacy mode might fail when using the Intel I350-T4 OCP NIC.
- Addressed an issue where the system might display spurious interrupt message during Linux boot up.
- Addressed an issue where the system iLO Remote Console could become unresponsive when a warning message appeared in RBSU.
- Addressed an issue where the system RBSU setting change might not take effect when the System ROM is being updated.
- Addressed an issue where the system Intel PCH model name is unknown in RBSU System information.
- Addressed an issue where the system might log into the wrong DIMM index in the Server Configuration Lock detection log after removing the system DIMM.
- Addressed an issue where the system iLORest might time out.
- Addressed an issue where the system might RSOD when performing firmware update via Firmware Management Protocol.
- Addressed an issue where CPU power readings displayed in iLO were unbalanced between two processors.

Enhancements:

- Added CPU C1 Auto Demotion/ UnDemotion option in System Configuration > BIOS/Platform

Configuration (RBSU) > Power and Performance Options.

- Added Uncore Frequency RAPL to system RBSU (System Configuration > BIOS/Platform Configuration (RBSU) > Power and Performance Options >Uncore Freq RAPL).

Online ROM Flash Component for Linux - System ROM U60

Version: 2.64_04-01-2026

Important Note!

- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 06.00.03.708(B) or 06.00.03.708(C).
- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2026.1 guidance.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 06.00.03.708 (2.50_07_25_2025).
- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2025.3 guidance.
- This version of the System ROM should be paired with Server Platform Services (SPS) Firmware 06.00.03.708.
- This version of the System ROM contains updates aligned with the Intel Tatlow IPU 2025.2 update.

Problems Fixed:

- This revision of the System ROM includes the mitigation for CVE-2026-22796 security vulnerability.
- Addressed an issue where systems configured with Secure Boot may experience a Red Screen of Death upon removal of Microsoft Windows Production PCA certificates from the Secure Boot database.
- Addressed an issue where the system iLO Remote Console could become unresponsive when a warning message appeared in RBSU.
- Addressed an issue where the system may encounter RSOD and fail to update firmware while performing firmware update.
- Addressed an issue where the Name field of the Logical Drive under MR controller page might be missing or changed unintentionally after exiting and going back to the MR controller page.

Enhancements:

- This version is in compliance with IPU 2026.1 guidance.
- Enabled PXE boot capability for certain USB NICs, which will appear in the One Time Boot Menu.
- Updated multi-language translation.

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 use 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 use 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 use 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 use 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 use 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 use 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: 3.19

Problems Fixed:

- Fixed an issue in event delivery where the TCP connection timeout was set to infinite before the TLS handshake, causing the SSL_connect() call to block indefinitely if the peer did not complete the handshake.
- Fixed an issue where some hostname FQDN fields were limited to top-level domains (TLDs) of up to six

characters.

- Fixed an issue where the iLO HTML5 Integrated Remote Console (IRC) displayed a black screen (no video) or failed to load after being idle for an extended period of time.
- Fixed an issue where iLO did not display the required firmware version after a PSU hot-plug operation.
- Fixed an issue where iLO supported Redfish URIs with a maximum of 10 path segments, extending support to up to 16 segments.
- Fixed an issue where TaskMonitor returned invalid or empty HTTP responses by ensuring the correct status code and response body are returned.
- Fixed an issue where duplicate RAKP3 retransmissions were treated as invalid, resulting in RMCP+ 0x02 and BMC errors.
- Fixed an issue where the IPMI Boot Option parameter Persistent did not set the correct IPMI boot flag.
- Fixed an issue where backup and restore flags were not placed correctly during Backup and Restore operations.
- Fixed an issue where direct-attached drive data was not displayed correctly through SNMP.
- Fixed a Secure Shell (SSH) File Descriptor leak in iLO CLI that can cause iLO to stop responding to SSH requests after repeated connections as commonly seen with SSH fencing agent.
- Fixed an issue by adding the handling of EAP packet with Identifier Value 0 in iLO.
- Fixed an issue where SNMP fails to display a proper output when storage condition fails.
- Fixed an issue where iLO displays an incorrect local time in regions that do not observe Daylight Saving Time (DST).
- Fixed an issue with the backup_start event to protect the back up process from auxiliary power cycle interruptions. This fix includes the implementation of IML logging.
- Fixed an issue with iLO to display power supplies as per power supply type AC or DC.
- Fixed an issue where iLO could report the network status as “Unknown” instead of “OK” .
- Fixed an issue where the GPU sensor data and status were missing during nVidia driver load and unload transitions randomly.
- Fixed an issue where HDDs connected through the SR controller were not consistently displayed in the iLO 5 Firmware Inventory page or via the Redfish API.
- Fixed an issue where an increment of more than 50 AMS agents resulted in the snmpwalk time-out.
- Fixed an issue where an LDAP/Directory user was unable to create a local user.
- Fixed the repeated characters' issue when Japanese Keyboard Layout was used and Kanji key [Eng Keyboard `eq key] was pressed.
- Fixed an issue where HPE iLO SSH session went to a freeze state after running show -a command in successive attempts.
- Fixed an issue where the SFIC does not get generated and the URIs under the redfish /v1/ResourceDirectory were not getting populated.
- Fixed an issue where a Redfish event not sent properly when event subscriptions used mTLS.
- Fixed an issue where DHE-RSA ciphers are enabled with Disable Weak Ciphers and in High Security mode setting making iLO vulnerable.
- Fixed an issue where HPE iLO 5 v3.10 returned snmpwalk timeout when monitored by monitoring software.

- Fixed an issue where the get_email_details failed if the user domain name had a ¥ character.
- Fixed an issue where a certificate import failed on some servers with the SSL certificate could not be imported since the input certificate is not intended for this server error.
- Fixed an issue with the drive discovery, where an incorrect reporting of a removal or inserted drive IML message was getting triggered.

Enhancements:

- Added configurable Redfish OEM attributes to enable LDAP session keep-alive and prevent directory service idle connection timeouts.
- Support for LDAP session persistence.
- Support for SHA2 algorithm with public key authentication method of logging into iLO SSH and is applicable to all security modes.

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

Integrated Smart Update Tools 6.7.0 for ESXi 8.0, ESXi 9.0 and ESXi 9.1

Version: 2026.05.00 (Recommended)

Fixes

See the iSUT Release Notes for information about the issues resolved in this release

Integrated Smart Update Tools for Linux x64

Version: 5.3.0.0 (Recommended)

Important Note!

Please note the following:

iSUT requires a Service Pack for ProLiant-based ISO containing Smart Update Manager (SUM) 8.0.0 or later.

If an earlier version of SUM is used, iSUT will notify the user that SUM 8.0.0 and later is required.

For Gen10 and above iSUT need iLO 5 firmware version 1.11 or later

Integrated Smart Update Tools requires iLO Advanced Pack license.

Prerequisites

For prerequisite information, please see the iSUT Release Notes.

Fixes

See the iSUT Release Notes for information about the issues resolved in this release

Enhancements

See the iSUT Release Notes for information about the issues resolved in this release

Integrated Smart Update Tools for Linux x64

Version: 6.7.0.0 (Recommended)

Important Note!

Please note the following:

iSUT requires a Service Pack for ProLiant-based ISO containing Smart Update Manager (SUM) 8.0.0 or later.

If an earlier version of SUM is used, iSUT will notify the user that SUM 8.0.0 and later is required.

For Gen10 and above iSUT need iLO 5 firmware version 1.11 or later

Integrated Smart Update Tools requires iLO Advanced Pack license.

Prerequisites

For prerequisite information, please see the iSUT Release Notes.

Fixes

See the iSUT Release Notes for information about the issues resolved in this release

Enhancements

See the iSUT Release Notes for information about the issues resolved in this release

Integrated Smart Update Tools for Windows x64

Version: 6.7.0.0 (Recommended)

Important Note!

Please note the following:

iSUT requires a Service Pack for ProLiant-based ISO containing Smart Update Manager (SUM) 8.0.0 or later.

If an earlier version of SUM is used, iSUT will notify the user that SUM 8.0.0 and later is required.

For Gen10 and above iSUT need iLO 5 firmware version 1.11 or later

Integrated Smart Update Tools requires iLO Advanced Pack license.

Prerequisites

For prerequisite information, please see the iSUT Release Notes.

Fixes

See the iSUT Release Notes for information about the issues resolved in this release

Enhancements

See the iSUT Release Notes for information about the issues resolved in this release

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

Version: 10.1.19928.8615 (B) (Optional)

Enhancements

- Updated setup utility dependencies

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

Version: 10.1.19886.8592 (B) (Optional)

Enhancements

- Updated setup utility dependencies

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

Version: 10.1.19006.8299 (G) (Optional)

Enhancements

- Updated setup utility dependencies

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

Version: 10.1.19879.8585 (E) (Optional)

Enhancements

- Updated setup utility dependencies

Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022

Version: 235.1.122.0 (Recommended)

Important Note!

- HPE recommends the firmware provided in Broadcom Firmware Package for BCM5741x, BCM5750x and BCM5760x adapters, version 235.1.160.0 or later, for use with this driver.

Enhancements

- This product enhances the Windows driver to support PCIe compliance configuration by enabling pass-through firmware commands with long input message sizes.
- This product enhances adding new event log warning message.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port SFP+ BCM57412 OCP3 Adapter
- HPE Ethernet 10Gb 2-port SFP+ BCM57412 Adapter
- HPE Ethernet 10Gb 2-port BaseT BCM57416 OCP3 Adapter

- HPE Ethernet 10Gb 2-port BaseT BCM57416 Adapter
- HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 OCP3 Adapter
- HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 Adapter
- 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: 235.1.122.0 (Recommended)

Important Note!

- HPE recommends the firmware provided in Broadcom Firmware Package for BCM5741x, BCM5750x and BCM5760x adapters, version 235.1.160.0 or later, for use with this driver.

Enhancements

- This product enhances the Windows driver to support PCIe compliance configuration by enabling pass-through firmware commands with long input message sizes.
- This product enhances adding new event log warning message.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port SFP+ BCM57412 OCP3 Adapter
- HPE Ethernet 10Gb 2-port SFP+ BCM57412 Adapter
- HPE Ethernet 10Gb 2-port BaseT BCM57416 OCP3 Adapter
- HPE Ethernet 10Gb 2-port BaseT BCM57416 Adapter
- HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 OCP3 Adapter
- HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 Adapter
- 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: 221.0.8.0 (C) (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.6.0 or later, for use with this driver.

Enhancements

This product enhances to update PNP ID table (Plug and Play Identifier)

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: 235.1.122.0 (Recommended)

Important Note!

HPE recommends the HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters Version, 235.1.160000 or later, for use with this driver.

Enhancements

- This product enhances the Windows driver to support PCIe compliance configuration by enabling pass-through firmware commands with long input message sizes.
- This product enhances adding new event log warning message.

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: 235.1.122.0 (Recommended)

Important Note!

HPE recommends the HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters Version, 235.1.160000 or later, for use with this driver.

Enhancements

- This product enhances the Windows driver to support PCIe compliance configuration by enabling pass-through firmware commands with long input message sizes.
- This product enhances adding new event log warning message.

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 9

Version: 1.10.3-235.1.164.14 (Recommended)

Important Note!

HPE recommends the HPE Broadcom NetXtreme-E Firmware Version, 235.1.164014 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 fixes the TPH error-handling logic to prevent steering tag lookup failures and improper IRQ notifier teardown.

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
- HPE Ethernet 10Gb 2-port SFP+ BCM57412 OCP3 Adapter
- HPE Ethernet 10Gb 2-port SFP+ BCM57412 Adapter
- HPE Ethernet 10Gb 2-port BaseT BCM57416 OCP3 Adapter
- HPE Ethernet 10Gb 2-port BaseT BCM57416 Adapter
- HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 OCP3 Adapter
- HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 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: 2025.11.00 (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 HPE Broadcom NetXtreme-E Firmware Version, 235.1.160000 or later, for use with this driver.

Fixes

This product fixes issue where the RoCE driver updated the RoCE priority from the Queue Pair and Address Handle context by suppressing that value and not propagating it to the L2 driver.

Enhancements

This product enhances the completion queue design to support two completion queues for each Notification Queue

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
- HPE Ethernet 10Gb 2-port SFP+ BCM57412 OCP3 Adapter
- HPE Ethernet 10Gb 2-port SFP+ BCM57412 Adapter
- HPE Ethernet 10Gb 2-port BaseT BCM57416 OCP3 Adapter
- HPE Ethernet 10Gb 2-port BaseT BCM57416 Adapter
- HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 OCP3 Adapter
- HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 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: 2025.11.00 (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 CP0xxxx.xml file.
- HPE recommends the HPE Broadcom NetXtreme-E Firmware Version, 235.1.160000 or later, for use with this driver.

Fixes

This product fixes issue where the RoCE driver updated the RoCE priority from the Queue Pair and Address Handle context by suppressing that value and not propagating it to the L2 driver.

Enhancements

This product enhances the completion queue design to support two completion queues for each Notification Queue

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
- HPE Ethernet 10Gb 2-port SFP+ BCM57412 OCP3 Adapter
- HPE Ethernet 10Gb 2-port SFP+ BCM57412 Adapter
- HPE Ethernet 10Gb 2-port BaseT BCM57416 OCP3 Adapter
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- HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 OCP3 Adapter
- HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 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 9.1

Version: 2026.03.00 (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 vibsddepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.
- HPE recommends the HPE Broadcom NetXtreme-E Firmware Version, 235.1.160000 or later, for use with this driver.

Enhancements

Initial version

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
- HPE Ethernet 10Gb 2-port SFP+ BCM57412 OCP3 Adapter

- HPE Ethernet 10Gb 2-port SFP+ BCM57412 Adapter
- HPE Ethernet 10Gb 2-port BaseT BCM57416 OCP3 Adapter
- HPE Ethernet 10Gb 2-port BaseT BCM57416 Adapter
- HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 OCP3 Adapter
- HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 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 6.

Version: 235.1.164.14 (Recommended)

Prerequisites

HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 9, version 1.10.3-235.1.164.0 or later, must be installed before installing this product.

The libibverbs 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.

Enhancements

This product enhance RoCE packet capture is correctly enabled when LAG is configured by aligning firmware LAG enablement with L2 driver configuration.

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
- HPE Ethernet 10Gb 2-port SFP+ BCM57412 OCP3 Adapter
- HPE Ethernet 10Gb 2-port SFP+ BCM57412 Adapter
- HPE Ethernet 10Gb 2-port BaseT BCM57416 OCP3 Adapter
- HPE Ethernet 10Gb 2-port BaseT BCM57416 Adapter
- HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 OCP3 Adapter
- HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 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: 221.0.8.0 (C) (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.6.0 or later, for use with this driver.

Enhancements

This product enhances to update PNP ID table (Plug and Play Identifier)

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 9

Version: 3.139w-1 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE NX1 Broadcom Online Firmware Upgrade Utility for Linux x86_64, version 2.42.0 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.

Fixes

This product fixes the issue where The ethtool command set rx_jumbo_pending to zero so any received jumbo packets are dropped

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 2022

Version: 14.0.13.0 (B) (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.5.0 or later, for use with this driver.

Fixes

Feature Change: Removal of virtualization from E1R driver.

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 366i Communication Board
- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter

HPE Intel E1R Driver for Windows Server 2025

Version: 14.1.24.0 (B) (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.5.0 or later, for use with this driver.

Fixes

Feature Change: Removal of virtualization from E1R driver.

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 366i Communication Board
- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter

HPE Intel i40e Drivers for Red Hat Enterprise Linux 9

Version: 2.28.16-1 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.35.0 or later, for use with these drivers.

Enhancements

- This product added support for RHEL 9.7.
- This product enhanced the debug trace function to select the right trace name for the driver.

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 2022

Version: 1.24.41.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.8.0 or later, for use with this driver.

Fixes

- This product fixed networking communication issues.
- This product fixed a memory-leak issue.

Enhancements

- This product enhanced the offload stack for ARP, NS, and WoL features.
- This product enhanced the TX topology and overall traffic flow.
- This product enhanced power-state handling for S0 Idle, power events, registry reading, and logging.

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 2022

Version: 1.24.41.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.8.0 or later, for use with this driver.

Fixes

- This product fixed networking communication issues.
- This product fixed a memory-leak issue.

Enhancements

- This product enhanced the offload stack for ARP, NS, and WoL features.

- This product enhanced the TX topology and overall traffic flow.
- This product enhanced power-state handling for S0 Idle, power events, registry reading, and logging.

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: 1.24.41.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.8.0 or later, for use with this driver.

Fixes

- This product fixed networking communication issues.
- This product fixed a memory-leak issue.

Enhancements

- This product enhanced the offload stack for ARP, NS, and WoL features.
- This product enhanced the TX topology and overall traffic flow.
- This product enhanced power-state handling for S0 Idle, power events, registry reading, and logging.

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: 2025.11.00 (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.

Enhancements

- This product added Requested FEC display in vmkernel.log.
- This product added info message in vmkernel.log.

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: 2025.11.00 (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.

Enhancements

This product VMware ESXi 9 supported.

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 9.1

Version: 2026.03.00 (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

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 9

Version: 4.13.20-1 (Recommended)

Important Note!

HPE recommends the firmware provided below,

- HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.35.0 or later, for use with these drivers.
- Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.35.0 or later, for use with these drivers.
- Intel Firmware Package For E810, version 4.90 or later for use with these drivers.

Enhancements

- This product added support for RHEL9.7.
- This product enhanced the virtual interface initialization structure for the driver

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-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 9

Version: 5.19.10-1 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.35.0 or later, for use with these drivers.

Enhancements

- This product added support for RHEL 9.7.
- This product enhanced the networking FIFO flow for the driver

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
- HPE Ethernet 1Gb 4-port 366i Communication Board
- 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: 2025.05.00 (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 3.26.1 or later, for use with this driver.

Enhancements

This product enhanced the compatibility with firmware.

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
- HPE Ethernet 1Gb 4-port 366i Communication Board
- 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: 2025.11.00 (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 3.26.1 or later, for use with this driver.

Enhancements

This product enhanced the compatibility with firmware.

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
- HPE Ethernet 1Gb 4-port 366i Communication Board
- 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 9.1

Version: 2026.03.00 (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 3.26.1 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
- HPE Ethernet 1Gb 4-port 366i Communication Board
- 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 9

Version: 6.3.4-1 (Recommended)

Important Note!

- HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.35.0 or later, for use with these drivers.
- HPE recommends the firmware provided in Intel Firmware Package For E610-IT4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter, version 1.30 or later, for use with this driver

Enhancements

- This product added support for RHEL 9.7.
- This product enhanced the Rx buffer usage to avoid IOMMU overhead.

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: 2026.03.00 (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 3.27.0 or later, for use with this driver.
- HPE recommends the firmware provided in Intel Firmware Package For E610-IT4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter, version 1.22 or later, for use with this driver

Fixes

- This product fixed warning logs generated during driver unload.
- This product fixed PF reset reporting to VF.
- This product fixed auto-advertised speeds for E610 adapters.

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: 2026.03.00 (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 3.27.0 or later, for use with this driver.
- HPE recommends the firmware provided in Intel Firmware Package For E610-IT4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter, version 1.22 or later, for use with this driver

Fixes

- This product fixed warning logs generated during driver unload.
- This product fixed PF reset reporting to VF.
- This product fixed auto-advertised speeds for E610 adapters.

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 9.1

Version: 2026.03.00 (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 3.27.0 or later, for use with this driver.
- HPE recommends the firmware provided in Intel Firmware Package For E610-IT4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter, version 1.22 or later, for use with this driver

Enhancements

Initial version

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 ixgbev Drivers for Red Hat Enterprise Linux 9

Version: 5.2.2-1 (Recommended)

Important Note!

- HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.35.0 or later, for use with these drivers.
- HPE recommends the firmware provided in Intel Firmware Package For E610-IT4 Ethernet 1Gb 4-port

BASE-T OCP3 Adapter, version 1.30 or later, for use with this driver

Enhancements

- This product added support for RHEL 9.7.
- This product enhanced to handle a transmit timeout event

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 2022

Version: 4.1.254.0 (D) (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.4.1 or later, for use with this driver.

Fixes

This product fixes to update the INF file to enable the DmaRemappingCompatible feature with a value of 2.

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: 4.2.7.0 (B) (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.5.0 or later, for use with this driver.

Enhancements

This product has a minor change on updating the package scripts.

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 2022

Version: 26.1.27016.0 (Recommended)

Fixes

- This product fixed an issue that could trigger an NMI during system shutdown when PtpHardwareTimestamp is enabled.
- This product fixed an issue where uninstalling the package after removing the last instance with mlx5muxtool could result in a Code 56 error on the device.

Enhancements

- For Windows Server and Client version 10.0.26020.0 and newer, the INF files were updated to use the latest service registry key directives. These changes are transparent to users and do not affect the user experience.

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: 26.1.27016.0 (Recommended)

Fixes

- This product fixed an issue that could trigger an NMI during system shutdown when PtpHardwareTimestamp is enabled.
- This product fixed an issue where uninstalling the package after removing the last instance with mlx5muxtool could result in a Code 56 error on the device.

Enhancements

- For Windows Server and Client version 10.0.26020.0 and newer, the INF files were updated to use the latest service registry key directives. These changes are transparent to users and do not affect the user experience.

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 9 Update 6 (x86_64)

Version: 4.35 (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 6 (x86_64) supported by this binary rpm are:

5.14.0-570.12.1.el9_6 - (x86_64) and future update kernels.

HPE Mellanox RoCE Driver [ConnectX-4 Lx and above] for Red Hat Enterprise Linux 9 Update 6 (x86_64)

Version: 26.01 (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/doca-ofed/>).

Prerequisites

- Install chkconfig from respective OS repository prior to install the RoCE package.

Fixes

The following issues have been fixed in version 26.01:

- An issue on RHEL systems where installing chkconfig after mlnx-ofa_kernel (pulled in by packages such as doca-ofed and doca-host) could fail during installation. In this sequence, chkconfig could be installed indirectly as a dependency of a package that places init scripts under /etc/init.d, but the install would error out because /etc/init.d already existed as a directory (whereas chkconfig expects to manage it as a symlink). This fix prevents the /etc/init.d directory/symlink conflict that caused the RPM unpacking failure.
- In LAG mode, a firmware reset race could cause the driver to hang during unload while waiting for UMR completion. The fix ensures sys_error notifications are registered early and kept through device unregister so error events reach the bond device during teardown.
- Soft lockup warnings that could occur while releasing large UMEMs by periodically yielding the CPU during the release flow.
- A kernel crash that could occur if the devlink userspace process was terminated while switching the device to switchdev mode.
- Devlink operations were not synchronized with fw_reset, which could lead to various failures. Added a mechanism to coordinate fw_reset with devlink operations.
- The driver could incorrectly initialize polling-only CQs (e.g., ASO CQs), allowing them to receive EQ interrupts in rare cases. The CQ initialization flow was updated to prevent interrupts for polling-only CQs.
- An overflow issue where the max-rate value was stored in a unsigned 8-bit integer type, causing values above 255 to wrap (e.g., 257 became 1).
- An issue that prevented using more than 8 cores to set SF CPU affinity. This restriction has now been removed.

Enhancements

The following new features and changes have been included in version 26.01:

- Adds support for reporting RS-FEC histogram statistics via ethtool. These IEEE 802.3–defined histograms reveal the distribution of corrected codewords by number of symbol errors corrected per block, improving link quality diagnostics and enabling earlier detection of signal degradation.
- PTP Raw Cycle Counter Exposure – Extends the PTP subsystem and driver to expose the raw free-running cycle counter of PTP hardware clocks, enabling user space to obtain (cycle, system-time) pairs via new ioctls and correlate hardware cycle timestamps with host time without requiring PHC synchronization.
- TCP Header-Data Split Zero-Copy – Exposes header–data split to the TCP layer to enable TCP zero-copy. This allows all headers up to and including TCP to be processed in software, while payload data is DMA-transferred directly from the NIC to the GPU without CPU involvement, achieving true zero-copy.
- PCIe Congestion Event Counters – PCIe congestion events are events generated by the firmware when the device side has sustained PCIe inbound or outbound traffic above certain thresholds. This feature adds support for receiving and exposing such events as ethtool counters.
- PH and Steering Tags Support – Enables the device to provide "hints" indicating where MR TLPs should be processed in system memory.
- InfiniBand Service Record Resolution – Introduces APIs that translate an InfiniBand service name or ID into destination address details and allow querying that resolved IB addressing information.
- IPsec Offload for Active-Passive Bonding – Active-passive bonding aggregates multiple network devices into a single logical interface for higher redundancy. While bonding already supported IPsec offload, this completes full support by adding correct IPsec GSO offload and fixing several race conditions around failover.
- PSP Security Protocol – PSP Security Protocol support is now integrated into the core subsystem, with corresponding support implemented in the mlx5 driver. This enables mlx5 devices to recognize and handle PSP-secured traffic using the common core infrastructure.
- DOCA-Host Universal doca-sosreport Enablement – Adds doca-sosreport to all DOCA-Host profile packages (RoCE, OFED, Networking, and All) so the same support data collection tool is always available, regardless of which DOCA flavor is installed. It standardizes how system and DOCA-related diagnostics are gathered (e.g., host OS details, driver/module status, configuration, and relevant logs), making it faster and more consistent to capture troubleshooting bundles for analysis and support.
- Transition to Upstream DPDK Sourcing and Dependencies (DPDK 25.11+) – As DOCA transitions from MLNX_DPDK to upstream DPDK, all package dependencies switch to the upstream versions, and DPDK sources should be pulled from the official upstream repository, starting with DPDK 25.11 and tracking the latest releases from there.
- Querying Effective VF Bandwidth when in LAG Mode – Currently, the mlx5 driver reports only the parent function's link speed to VFs, with no way to retrieve the VF's effective bandwidth in LAG and MPESW setups. As a result, user space and upper-layer software cannot obtain accurate bandwidth information, which can lead to suboptimal traffic decisions. This new capability allows user space applications to query the effective port speed and receive real-time notifications when it changes. In LAG configurations, each mlx5 port reports the aggregated transmit bandwidth available to it.

- Extended DCB Traffic Class (TC) Rate Limiting - Extended DCB Traffic Class (TC) Rate Limiting, significantly increases the maximum configurable TC bandwidth on high-speed NICs. Previously, the TC max-rate field was limited to 8 bits, capping the value at 255 Gbps. With compatible firmware, the mlx5 driver now supports TC rate limits up to 65,535 Gbps (≈ 6.5 Tbps) through capability detection, while maintaining backward compatibility on legacy hardware.

Supported Devices and Features

SUPPORTED KERNELS:

The kernels of Red Hat Enterprise Linux 9 update 6 (x86_64) supported by this binary rpm are:

- 5.14.0-570.12.1.el9_6 (x86_64) and future update kernels.

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

Version: 8.76.3.0-5 (Recommended)

Important Note!

Linux Driver	Version

Linux qed	8.76.3.0
Linux qede	8.76.3.0
Linux qedr	8.76.3.0
Linux qedi	8.76.3.0
Linux qedf	8.76.3.0

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 grep-related warning messages during RPM installation.

Enhancements

- This product now supports Red Hat Enterprise Linux 9.7

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 521T Adapter
- HPE StoreFabric CN1200R-T Converged Network Adapter
- HPE StoreFabric CN1300R Converged Network Adapter

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

Version: 8.72.21.0 (D) (Recommended)

Important Note!

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

- HPE QLogic FastLinQ Firmware Package for Arrowhead adapters, version 8.65.23 or later.
- HPE QLogic FastLinQ Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.3.7.0 or later.

Enhancements

This product now supports Azure Local 24H2.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 521T Adapter
- HPE StoreFabric CN1200R-T Converged Network Adapter
- HPE StoreFabric CN1300R Converged Network Adapter

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

Version: 2026.03.00 (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 Firmware Package for Arrowhead adapters, version 8.65.23 or later.
- HPE QLogic FastLinQ Online Firmware Upgrade Utility for VMware, version 4.20.0 or later.

Fixes

- This product fixed an issue where it misses RX byte statistics for LRO queues in ENS mode

Enhancements

- This product now enabled DRSS by default for non-ENS mode to improve RX traffic distribution and reduce latency between hosts and federated sites.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 521T Adapter
- HPE StoreFabric CN1200R-T Converged Network Adapter
- HPE StoreFabric CN1300R Converged Network Adapter

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

Version: 2026.03.00 (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 Firmware Package for Arrowhead adapters, version 8.65.23 or later.
- HPE QLogic FastLinQ Online Firmware Upgrade Utility for VMware, version 4.20.0 or later.

Fixes

- This product fixed an issue where it misses RX byte statistics for LRO queues in ENS mode

Enhancements

- This product now enabled DRSS by default for non-ENS mode to improve RX traffic distribution and reduce latency between hosts and federated sites.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 521T Adapter
- HPE StoreFabric CN1200R-T Converged Network Adapter
- HPE StoreFabric CN1300R Converged Network Adapter

HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 9.1

Version: 2026.03.00 (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 Firmware Package for Arrowhead adapters, version 8.65.23 or later.
- HPE QLogic FastLinQ Online Firmware Upgrade Utility for VMware, version 4.20.0 or later.

Enhancements

Initial version

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 521T Adapter
- HPE StoreFabric CN1200R-T Converged Network Adapter
- HPE StoreFabric CN1300R Converged Network Adapter

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 Ethernet 10Gb 2-port 530T Adapter
- HPE Ethernet 10Gb 2-port 530SFP+ Adapter
- HPE FlexFabric 10Gb 2-port 533FLR-T Adapter

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 Ethernet 10Gb 2-port 530T Adapter
- HPE Ethernet 10Gb 2-port 530SFP+ Adapter
- HPE FlexFabric 10Gb 2-port 533FLR-T Adapter

HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 9.1

Version: 2026.03.00 (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](http://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

Initial version

Supported Devices and Features

These drivers support the following network adapters:

- HPE Ethernet 10Gb 2-port 530T Adapter
- HPE Ethernet 10Gb 2-port 530SFP+ Adapter
- HPE FlexFabric 10Gb 2-port 533FLR-T Adapter

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

Version: 7.15.25-9 (B) (Recommended)

Important Note!

Driver	Version

cnic	2.5.21n
bnx2	2.2.6j
bnx2x	1.715.26
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 9.7

Supported Devices and Features

These drivers support the following network adapters:

- HP Ethernet 10Gb 2-port 530SFP+ Adapter
- HP Ethernet 10Gb 2-port 530T Adapter
- HP Ethernet 10Gb 2-port 533FLR-T Adapter

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

Version: 7.13.221.0 (C) (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.

Enhancements

This product now supports Azure Local 24H2.

Supported Devices and Features

This driver 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 i350 Driver for Windows Server 2022

Version: 14.0.13.0 (B) (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.5.0 or later, for use with this driver.

Fixes

Feature Change: Removal of virtualization/SRIOV feature.

Supported Devices and Features

This driver supports the following HPE Intel E1R network adapters:

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

Intel i350 Driver for Windows Server 2025

Version: 14.1.24.0 (B) (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.5.0 or later, for use with this driver.

Fixes

Feature Change: Removal of virtualization/SRIOV feature.

Supported Devices and Features

This driver supports the following HPE Intel E1R network adapters:

- HPE Ethernet 1Gb 4-port BaseT I350-T4 Adapter

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

Intel i40ea Driver for Windows Server 2022

Version: 1.24.41.0 (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.7.0 or later, for use with this driver.

Fixes

- This product fixed networking communication issues.
- This product fixed a memory-leak issue.

Enhancements

- This product enhanced the offload stack for ARP, NS, and WoL features.
- This product enhanced the TX topology and overall traffic flow.
- This product enhanced power-state handling for S0 Idle, power events, registry reading, and logging.

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: 1.24.44.0 (Recommended)

Important Note!

HPE recommends the supplied firmware for use with this driver.

- Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.7.0 or later,
- HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.4.8.0 or later,

Fixes

- This product fixed networking communication issues.
- This product fixed a memory-leak issue.

Enhancements

- This product enhanced the offload stack for ARP, NS, and WoL features.
- This product enhanced the TX topology and overall traffic flow.
- This product enhanced power-state handling for S0 Idle, power events, registry reading, and logging.

Supported Devices and Features

This driver supports the following HPE Intel I40EA network adapters:

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

- HPE Ethernet 10Gb 2-port 562SFP+ Adapter
- 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 9

Version: 2.4.5-1 (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Firmware Package For E810, version 4.90 or later for use with these drivers.

Fixes

- This product fixed the “Failed to apply Tx scheduling configuration, err -17” issue caused by incorrect topology detection.
- This product fixed a kernel NULL-pointer dereference that occurred during reset after NVM update when transmit balancing was enabled.
- This product fixed an issue where the VF RDMA virtual device was not created when SR-IOV LAG dependencies were misdetected.
- This product fixed failures related to PTP_PIN_SETFUNC2 on Linux 6.16 and later kernels.

Enhancements

- This product add support for RHEL 9.7

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-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(R) Ethernet Connection E825-C for SFP Integrated Ethernet NIC

Intel icea Driver for Microsoft Windows Server 2022

Version: 1.20.39.0 (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Firmware Package for Columbiaville (FWPKG), version 4.91 or later, for use with this driver.

Fixes

- This product fixed networking communication issues.

- This product fixed a memory-leak issue.

Enhancements

- This product enhanced the offload stack for ARP, NS, and WoL features.
- This product enhanced the TX topology and overall traffic flow.
- This product enhanced power-state handling for S0 Idle, power events, registry reading, and logging.

Supported Devices and Features

This driver supports the following HPE Intel ICEA 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-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: 1.20.43.0 (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Firmware Package for Columbiaville (FWPKG), version 4.91 or later, for use with this driver.

Fixes

- This product fixed networking communication issues.
- This product fixed a memory-leak issue.

Enhancements

- This product enhanced the offload stack for ARP, NS, and WoL features.
- This product enhanced the TX topology and overall traffic flow.
- This product enhanced power-state handling for S0 Idle, power events, registry reading, and logging.

Supported Devices and Features

This driver supports the following HPE Intel ICEA 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-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: 2026.03.00 (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 vibsddepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.
- HPE recommends the firmware provided in Intel Firmware Package For E810 Ethernet Adapter, version 4.71 or later, for use with these drivers.

Fixes

- This product fixed RDMA configuration cleanup during transitions between Native and ENS modes, as well as state changes.
- This product removed warning messages during driver unload by improving cleanup of TX scheduler configuration.
- This product fixed VLAN list cleanup during VF reset, ensuring VLAN properties can be configured correctly by the OS.

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-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

Intel icen Driver for VMware vSphere 9.0

Version: 2026.03.00 (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 vibsddepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.
- HPE recommends the firmware provided in Intel Firmware Package For E810 Ethernet Adapter, version 4.91 or later, for use with these drivers.

Fixes

- This product fixed RDMA configuration cleanup during transitions between Native and ENS modes, as well as state changes.
- This product removed warning messages during driver unload by improving cleanup of TX scheduler configuration.
- This product fixed VLAN list cleanup during VF reset, ensuring VLAN properties can be configured correctly by the OS.

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-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

Intel icen Driver for VMware vSphere 9.1

Version: 2026.03.00 (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 vibsddepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.
- HPE recommends the firmware provided in Intel Firmware Package For E810 Ethernet Adapter, version 4.91 or later, for use with these drivers.

Enhancements

Initial version

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-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

Mellanox WinOF2 Driver for Microsoft Windows Server 2022

Version: 26.1.27016.0 (Recommended)

Fixes

- This product fixed an issue that could trigger an NMI during system shutdown when PtpHardwareTimestamp is enabled.
- This product fixed an issue where uninstalling the package after removing the last instance with mlx5muxtool could result in a Code 56 error on the device.

Enhancements

- For Windows Server and Client version 10.0.26020.0 and newer, the INF files were updated to use the latest service registry key directives. These changes are transparent to users and do not affect the user

experience.

Supported Devices and Features

This driver supports the following network adapters:

- HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter
- HPE Ethernet 100Gb 2-Port QSFP56 MCX623106AS-CDAT Adapter

Mellanox WinOF2 Driver for Microsoft Windows Server 2025

Version: 26.1.27016.0 (Recommended)

Fixes

- This product fixed an issue that could trigger an NMI during system shutdown when PtpHardwareTimestamp is enabled.
- This product fixed an issue where uninstalling the package after removing the last instance with mlx5muxtool could result in a Code 56 error on the device.

Enhancements

- For Windows Server and Client version 10.0.26020.0 and newer, the INF files were updated to use the latest service registry key directives. These changes are transparent to users and do not affect the user experience.

Supported Devices and Features

This driver supports the following network adapters:

- HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter
- HPE Ethernet 100Gb 2-Port QSFP56 MCX623106AS-CDAT Adapter

net-mst kernel module driver component for VMware ESXi 8.0 Update 3

Version: 2025.03.17 (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 HPE vib depot.hpe.com webpage, plus an HPE specific CPXXXX.xml file.

Prerequisites

NA

Enhancements

NMST version 4.31.0.150

This version is supported on VMware ESXi 8.0 Update 3 only.

Supported Devices and Features

HPE Part Number	Device Name	PSID
872726-B21	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	HPE0000000009

817753-B21	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	HP_2420110034
P10112-B21	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	MT_0000000241
P25960-B21	HPE Ethernet 100Gb 2-Port QSFP56 MCX623106AS-CDAT Adapter	MT_0000000437
P06251-B21	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	HPE0000000036

net-mst kernel module driver component for VMware ESXi 9uX

Version: 2026.02.23 (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 HPE vibstap.hpe.com webpage, plus an HPE specific CPXXXX.xml file.

Prerequisites

NA

Fixes

Fixes for NMST- 4.34.1.11:

- Fixed memory leak issue in mlxlink. It caused the process's memory usage to continuously increase until it is eventually killed by the out-of-memory (OOM) killer. Memory is now correctly freed at the end of each execution.

Enhancements

NMST version 4.34.1.11

Supported Devices and Features

HPE Part Number	Device Name	PSID
872726-B21	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	HPE0000000009
817753-B21	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	HP_2420110034
P10112-B21	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	MT_0000000241
P25960-B21	HPE Ethernet 100Gb 2-Port QSFP56 MCX623106AS-CDAT Adapter	MT_0000000437
P06251-B21	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	HPE0000000036

HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus Controllers and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 Controllers Driver (64-bit) for vSphere 8.0

Version: 2026.03.01 (Recommended)

Important Note!

- Actual Version is 7.736.02.00

Fixes

- Fix an issue that driver unload will fail if there is any management command is outstanding

HPE MR416i-p, MR216i-p, MR416i-a, MR216i-a Gen10 plus Controllers and MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p, MR408i-p Gen11 Controllers Driver (64-bit) for vSphere 9.0

Version: 2026.03.01 (Recommended)

Important Note!

- Actual Version is 7.736.02.00

Fixes

- Fix an issue that storcli show /cx/ex/sx poh (power on hour) command report error on NVMe drives
- Fix an issue that PSOC update is not allowing when the part number is beyond 65535

Enhancements

- Return error when enabling encryption with 256 characters for keyid in Drive Security command
- Display the controller serial number as "NA" when not programmed

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

Version: 07.736.04.00 (Recommended)

Fixes

- Fix an issue that NVMe device properties function lacks NULL checks before using request_queue->limits
- Fix IOMMU exceptions for some commands. The affected commands are
 - REPORT ZONES (opcode 0x95, service action 0x00)
 - GET PHYSICAL ELEMENT STATUS (opcode 0x9E, service action 0x17)
 - SECURITY PROTOCOL IN (opcode 0xA2)
- Fixed an issue where zero-length ATA VPD inquiry commands were not handled correctly and failed with a non-standard status code (0xF0)
- Fix SCSI host template callback for kernel 6.12

Enhancements

- Improved handling of dma_alignment and the NVMe boundary mask for better compatibility across kernel versions

HPE MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10p Controllers and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 Controllers driver for Microsoft Windows 2025 edition

Version: 7.736.3.0 (Recommended)

Fixes

- Added PowerSrbTimeout in subkey parameters value in INF File.

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

Version: 2026.01.01 (Recommended)

Important Note!

- Actual ESXi8.0 driver version is 80.4880.0.109
- Actual ESXi9.0 driver version is 90.4880.0.109
- HPE Service Pack for ProLiant (SPP) provides a fully qualified recipe for specific firmware and drivers released within the same cycle, making it the primary recommended choice.
- It is strongly recommended to use controller firmware version 8.00 for SR SAS/SATA controllers and firmware version 03.01.44.040 for SR tri-mode controllers, along with Windows 2022/2025 driver version 1016.30.0.1014, Linux driver version 2.1.38-022, and VMware ESXi driver version 80.4880.0.109/90.4880.0.109, as this combination has been fully qualified.
- For Windows 2016 driver, please use 1010.84.0.1012 in below link: XXXX
- For Windows 2019 driver, please use 1016.10.0.1004 in below link: <https://www.hpe.com/global/swpublishing/MTX-29e86213c3ab4e94b0b54906f7>

Fixes

- Fixed an issue that device is inappropriately reported as invalid and is removed during reset.

HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 9.0 (Driver Component).

Version: 2026.01.01 (Recommended)

Important Note!

- Actual ESXi8.0 driver version is 80.4880.0.109
- Actual ESXi9.0 driver version is 90.4880.0.109
- HPE Service Pack for ProLiant (SPP) provides a fully qualified recipe for specific firmware and drivers released within the same cycle, making it the primary recommended choice.
- It is strongly recommended to use controller firmware version 8.00 for SR SAS/SATA controllers and firmware version 03.01.44.040 for SR tri-mode controllers, along with Windows 2022/2025 driver version 1016.30.0.1014, Linux driver version 2.1.38-022, and VMware ESXi driver version 80.4880.0.109/90.4880.0.109, as this combination has been fully qualified.
- For Windows 2016 driver, please use 1010.84.0.1012 in below link: XXXX
- For Windows 2019 driver, please use 1016.10.0.1004 in below link: <https://www.hpe.com/global/swpublishing/MTX-29e86213c3ab4e94b0b54906f7>

Fixes

- Fixed an issue that device is inappropriately reported as invalid and is removed during reset.

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

Version: 2.1.38-022 (Recommended)

Important Note!

- HPE Service Pack for ProLiant (SPP) provides a fully qualified recipe for specific firmware and drivers released within the same cycle, making it the primary recommended choice.
- It is strongly recommended to use controller firmware version 7.81 for SR SAS/SATA controllers and firmware version 03.01.41.032 for SR tri-mode controllers, along with Windows driver version 1016.24.0.1002, Linux driver version 2.1.36-026, and VMware ESXi driver version 4862.0.104, as this combination has been fully qualified.

Enhancements

N/A.

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 2022 and Windows Server 2025

Version: 1016.30.0.1014 (Recommended)

Important Note!

- HPE Service Pack for ProLiant (SPP) provides a fully qualified recipe for specific firmware and drivers released within the same cycle, making it the primary recommended choice.
- It is strongly recommended to use controller firmware version 8.00 for SR SAS/SATA controllers and firmware version 03.01.44.040 for SR tri-mode controllers, along with Windows 2022/2025 driver version 1016.30.0.1014, Linux driver version 2.1.38-022, and VMware ESXi driver version 80.4880.0.109/90.4880.0.109, as this combination has been fully qualified.
- For Windows 2016 driver, please use 1010.84.0.1012 in below link:
<https://www.hpe.com/global/swpublishing/MTX-c523e081ab344bc4b4bc9d5686>
- For Windows 2019 driver, please use 1016.10.0.1004 in below link:
<https://www.hpe.com/global/swpublishing/MTX-29e86213c3ab4e94b0b54906f7>

Enhancements

N/A.

MR416i-p, MR416i-a, MR216i-p, MR216i-a Gen10p Controllers and MR416i-o, MR416i-p, MR216i-o, MR216i-p, MR408i-o , MR408i-p Gen11 Controllers driver for Microsoft Windows 2022 edition

Version: 7.736.3.0 (Recommended)

Fixes

- Added PowerSrbTimeout in subkey parameters value in INF File.

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

Version: 14.4.624.0 (b) (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/>

Fixes

Updated installer digital signature validity

Enhancements

Updated to driver version 14.4.624.0

The raw driver files can be obtained by extracting the Smart Component and then extracting the Emulex installer. Use this command:

```
elxdrv-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

This component is supported on following Emulex Fibre Channel Host Bus adapters:

16Gb FC Adapter:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter

32Gb FC 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 SN1610E 32Gb Single port Fibre Channel Host Bus Adapter

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

Version: 14.4.624.1 (Recommended)

Important Note!

Release notes:

Broadcom Release notes

Added following Enhancement:

Reverted IRQ count to 128 from 240 in inf file to avoid resource constraints on low end server configurations

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 14.4.624.1

The raw driver files can be obtained by extracting the Smart Component and then extracting the Emulex installer. Use this command:

```
elxdrv-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
```

Added following Enhancement:

Reverted IRQ count to 128 from 240 in inf file to avoid resource constraints on low end server configurations

Supported Devices and Features

This component is supported on following Emulex Fibre Channel Host Bus adapters:

16Gb FC Adapter:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter

32Gb FC 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 SN1610E 32Gb Single 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 (c) (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/>

Fixes

Updated Driver and Installer Digital Signature validity

Enhancements

Updated to version 9.4.11.20

Supported Devices and Features

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

16Gb Fibre Channel Host Bus Adapter:

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

32Gb 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 SN1610Q 32Gb Single 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 (c) (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/>

Fixes

Updated Driver and Installer Digital Signature Validity

Enhancements

Updated driver version to 9.4.11.20.

Supported Devices and Features

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

16Gb Fibre Channel Host Bus Adapter:

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

32Gb 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 SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter

Red Hat Enterprise Linux 9 Server Update 6 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapter

Version: 14.4.731.6 (Recommended)

Important Note!

Release notes:

Broadcom Release notes

Rewrite of same Driver version has to be performed using --reinstall option

Example: rpm -Uvh elx-lpfc-kmp-default-<version>.<OSupdate>.x86_64.rpm --reinstall

Updated to driver version 14.4.731.6

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 14.4.731.6

Supported Devices and Features

This component is supported on following Emulex Fibre Channel Host Bus adapters:

16Gb FC Adapter:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter

32Gb FC 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 SN1610E 32Gb Single port Fibre Channel Host Bus Adapter

Red Hat Enterprise Linux 9 update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters

Version: 10.02.15.00-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 10.02.15.00-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 10.02.15.00-k1

Supported Devices and Features

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

16Gb Fibre Channel Host Bus Adapter:

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

32Gb 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 SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter

iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2022

Version: 4.7.1.0 (I) (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 setup utility dependencies

iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2025

Version: 4.7.2.0 (D) (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 setup utility dependencies

iLO 5 Channel Interface Driver for Microsoft Windows Server 2022

Version: 4.7.1.0 (I) (Optional)

Enhancements

- Updated setup utility dependencies

iLO 5 Channel Interface Driver for Microsoft Windows Server 2025

Version: 4.7.2.0 (D) (Optional)

Enhancements

- Updated setup utility dependencies

Matrox G200eH3 Video Controller Driver for Microsoft Windows 64-bit

Version: 9.15.1.248 (G) (Optional)

Enhancements

- Updated setup utility dependencies

Matrox G200eH3 Video Controller Driver for Microsoft Windows 64-bit

Version: 9.15.1.268 (E) (Optional)

Enhancements

- Updated setup utility dependencies

Broadcom Firmware Package for BCM57412 adapter

Version: 235.1.164.14 (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 235.1.122.0 or later
- HPE Broadcom NetXtreme-E Drivers for Linux, version 1.10.3-235.1.154.0 or later
- HPE Broadcom NetXtreme-E Drivers for VMware, version 2025.11.00 or later

Fixes

- This product fixes the issue where the firmware version details failed to update and the card showed as not operational after upgrading BCM5741x adapters
- This product fixes the issue where failed to detect a 10GBASE-LR SFP+ causing incorrect defaults and a link failure.
- This product fixes the issue where the adapter is unable to establish link after rebooting when using the “HPE 10GBASE-T SFP+ 30m RJ45 Transceiver” HPE PN 813874-B21 with vendor PN SP7053-HPE.
- This product fixed the issue where PCIe Negotiated Link Width is displaying as x4 instead of x8.
- This product fixed the issue where NICs with LR cables and transceivers showing SR mode.

Enhancements

This product enhancement enables a self-shutdown feature to prevent overheating when certain monitoring features are disabled.

It applies only to newer hardware that originally shipped with firmware version 223.1.135.7 or higher and is not enabled on earlier revisions.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port SFP+ BCM57412 Adapter

Broadcom Firmware Package for BCM57412 OCP3 adapter

Version: 235.1.164.14 (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 235.1.122.0 or later
- HPE Broadcom NetXtreme-E Drivers for Linux, version 1.10.3-235.1.154.0 or later
- HPE Broadcom NetXtreme-E Drivers for VMware, version 2025.11.00 or later

Fixes

- This product fixes the issue where the firmware version details failed to update and the card showed as not operational after upgrading BCM5741x adapters
- This product fixes the issue where failed to detect a 10GBASE-LR SFP+ causing incorrect defaults and a link failure.
- This product fixes the issue where iLO BMC shared IP on OCP NIC, link flap occurred during OS reboot.
- This product fixes the issue where the adapter is unable to establish link after rebooting when using the “HPE 10GBASE-T SFP+ 30m RJ45 Transceiver” HPE PN 813874-B21 with vendor PN SP7053-HPE.
- This product fixed the issue where the System cannot power on and IML log shows Critical Temperature Threshold Exceeded.
- This product fixed the issue where PCIe Negotiated Link Width is displaying as x4 instead of x8.
- This product fixed the issue where NICs with LR cables and transceivers showing SR mode.

Enhancements

This product enhancement enables a self-shutdown feature to prevent overheating when certain monitoring features are disabled.

It applies only to newer hardware that originally shipped with firmware version 223.1.135.7 or higher and is not enabled on earlier revisions.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port SFP+ BCM57412 OCP3 Adapter

Broadcom Firmware Package for BCM57414 adapter

Version: 235.1.164.14 (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 235.1.122.0 or later
- HPE Broadcom NetXtreme-E Drivers for Linux, version 1.10.3-235.1.154.0 or later
- HPE Broadcom NetXtreme-E Drivers for VMware, version 2025.11.00 or later

Fixes

- This product fixes the issue where the firmware version details failed to update and the card showed as not operational after upgrading BCM5741x adapters
- This product fixes the issue where failed to detect a 10GBASE-LR SFP+ causing incorrect defaults and a link failure.
- This product fixes the issue where the adapter is unable to establish link after rebooting when using the “HPE 10GBASE-T SFP+ 30m RJ45 Transceiver” HPE PN 813874-B21 with vendor PN SP7053-HPE.
- This product fixed the issue where NICs with LR cables and transceivers showing SR mode.

Enhancements

This product enhancement enables a self-shutdown feature to prevent overheating when certain monitoring features are disabled.

It applies only to newer hardware that originally shipped with firmware version 223.1.135.7 or higher and is not enabled on earlier revisions.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 Adapter

Broadcom Firmware Package for BCM57414 OCP3 adapter

Version: 235.1.164.14 (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 235.1.122.0 or later
- HPE Broadcom NetXtreme-E Drivers for Linux, version 1.10.3-235.1.154.0 or later
- HPE Broadcom NetXtreme-E Drivers for VMware, version 2025.11.00 or later

Fixes

- This product fixes the issue where the firmware version details failed to update and the card showed as not operational after upgrading BCM5741x adapters
- This product fixes the issue where failed to detect a 10GBASE-LR SFP+ causing incorrect defaults and a link failure.

- This product fixes the issue where iLO BMC shared IP on OCP NIC, link flap occurred during OS reboot.
- This product fixes the issue where the adapter is unable to establish link after rebooting when using the “HPE 10GBASE-T SFP+ 30m RJ45 Transceiver” HPE PN 813874-B21 with vendor PN SP7053-HPE.
- This product fixed the issue where the System cannot power on and IML log shows Critical Temperature Threshold Exceeded.
- This product fixed the issue where NICs with LR cables and transceivers showing SR mode.

Enhancements

This product enhancement enables a self-shutdown feature to prevent overheating when certain monitoring features are disabled.

It applies only to newer hardware that originally shipped with firmware version 223.1.135.7 or higher and is not enabled on earlier revisions.

Supported Devices and Features

This product supports the following network adapter:

- HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 OCP3 Adapter

Broadcom Firmware Package for BCM57416 adapter

Version: 235.1.164.14 (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 235.1.122.0 or later
- HPE Broadcom NetXtreme-E Drivers for Linux, version 1.10.3-235.1.154.0 or later
- HPE Broadcom NetXtreme-E Drivers for VMware, version 2025.11.00 or later

Fixes

- This product fixes the issue where the firmware version details failed to update and the card showed as not operational after upgrading BCM5741x adapters
- This product fixes the issue where failed to detect a 10GBASE-LR SFP+ causing incorrect defaults and a link failure.
- This product fixes the issue where the adapter is unable to establish link after rebooting when using the “HPE 10GBASE-T SFP+ 30m RJ45 Transceiver” HPE PN 813874-B21 with vendor PN SP7053-HPE.
- This product fixes the issue where the firmware update failed on 4 MB flash cards.

Enhancements

This product enhancement enables a self-shutdown feature to prevent overheating when certain monitoring features are disabled.

It applies only to newer hardware that originally shipped with firmware version 223.1.135.7 or higher and is not enabled on earlier revisions.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port BaseT BCM57416 Adapter

Broadcom Firmware Package for BCM57416 OCP3 adapter

Version: 235.1.164.14 (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 235.1.122.0 or later
- HPE Broadcom NetXtreme-E Drivers for Linux, version 1.10.3-235.1.154.0 or later
- HPE Broadcom NetXtreme-E Drivers for VMware, version 2025.11.00 or later

Fixes

- This product fixes the issue where the firmware version details failed to update and the card showed as not operational after upgrading BCM5741x adapters
- This product fixes the issue where failed to detect a 10GBASE-LR SFP+ causing incorrect defaults and a link failure.
- This product fixes the issue where iLO BMC shared IP on OCP NIC, link flap occurred during OS reboot.
- This product fixes the issue where the adapter is unable to establish link after rebooting when using the “HPE 10GBASE-T SFP+ 30m RJ45 Transceiver” HPE PN 813874-B21 with vendor PN SP7053-HPE.
- This product fixed the issue where the System cannot power on and IML log shows Critical Temperature Threshold Exceeded.
- This product fixes the issue where the firmware update failed on BCM57416 4 MB flash cards .

Enhancements

This product enhancement enables a self-shutdown feature to prevent overheating when certain monitoring features are disabled.

It applies only to newer hardware that originally shipped with firmware version 223.1.135.7 or higher and is not enabled on earlier revisions.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port BaseT BCM57416 OCP3 Adapter

Broadcom Firmware Package for BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter

Version: 235.1.164.14 (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 235.1.122.0 or later
- HPE Broadcom NetXtreme-E Drivers for Linux, version 1.10.3-235.1.164.0 or later
- HPE Broadcom NetXtreme-E Drivers for VMware, version 2025.11.00 or later

Fixes

- This product fixes the issue where, in breakout mode, a cable remove or insert failed to bring the link up because the module did not exit the DPDeactivated (Data Path Deactivated) state in time.
- This product fixes the issue where the adapter is unable to establish link after rebooting when using the “HPE 10GBASE-T SFP+ 30m RJ45 Transceiver” HPE PN 813874-B21 with vendor PN SP7053-HPE.

Supported Devices and Features

This product supports the following network adapters:

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

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

Version: 235.1.164.14 (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 235.1.122.0 or later
- HPE Broadcom NetXtreme-E Drivers for Linux, version 1.10.3-235.1.164.0 or later
- HPE Broadcom NetXtreme-E Drivers for VMware, version 2025.11.00 or later

Fixes

- This product fixes the issue where, in breakout mode, a cable remove or insert failed to bring the link up because the module did not exit the DPDeactivated (Data Path Deactivated) state in time.
- This product fixes the issue where the adapter is unable to establish link after rebooting when using the “HPE 10GBASE-T SFP+ 30m RJ45 Transceiver” HPE PN 813874-B21 with vendor PN SP7053-HPE.

Supported Devices and Features

This product supports the following network adapters:

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

Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64

Version: 2.42.0 (Recommended)

Important Note!

HPE recommends HPE Broadcom tg3 Ethernet Drivers, versions 3.139w 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 the issue where unique serial number in VPD (Vital Product Data) will be altered to a dummy serial number (Refer to Installation Instructions -> Installation to Update Firmware under OS to resolve the issue)
- This product fixes the issue where Failing to Obtain iLO shared NIC DHCP IP and MCTP EID Missing during Reboot.
- This product fixes the issue where PCI Temperature sensor might be missing intermittently causing Increase in Fan Speed

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: 1.43.0 (B) (Recommended)

Important Note!

This software package contains combo image v20.35.41 with the following firmware versions:

NIC	Boot Code Version	PXE Version	NCSI Version	UEFI Version
BCM 5719 1GbE 4p BASE-T Adptr	1.64	21.6.4	1.5.65	21.6.92
BCM 5719 1GbE 4p BASE-T OCP3 Adptr	1.64	21.6.4	1.5.65	21.6.92
BCM 5719 1GbE 4p BASE-T LOM Adptr	1.64	21.6.4	1.5.65	21.6.92
BCM 5720 1GbE 2p BASE-T LOM Adptr	1.43	21.6.4	1.5.65	21.6.92

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 the issue where unique serial number in VPD (Vital Product Data) will be altered to a

dummy serial number.

- This product fixes the issue where Failing to Obtain iLO shared NIC DHCP IP and MCTP EID Missing during Reboot.
- This product fixes the issue where PCI Temperature sensor might be missing intermittently causing Increase in Fan Speed

Enhancements

Added ESXi 9.1 Supported Environment

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: 5.4.6.0 (B) (Recommended)

Important Note!

HPE recommends Broadcom NX1 1Gb Driver for Windows Server x64 Editions, version 221.0.8.0 or later, for use with this firmware.

This software package contains combo image v20.35.41 with the following firmware versions:

NIC	Boot Code Version	PXE Version	NCSI Version	UEFI Version
BCM 5719 1GbE 4p BASE-T Adptr	1.64	21.6.4	1.5.65	21.6.92
BCM 5719 1GbE 4p BASE-T OCP3 Adptr	1.64	21.6.4	1.5.65	21.6.92
BCM 5719 1GbE 4p BASE-T LOM Adptr	1.64	21.6.4	1.5.65	21.6.92
BCM 5720 1GbE 2p BASE-T LOM Adptr	1.43	21.6.4	1.5.65	21.6.92

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 the issue on fwupg library which might change Mac address on port 4 of BMC5719 NIC

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: 235.1.164014 (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 235.1.122.0 or later
- HPE Broadcom NetXtreme-E Drivers for Linux, version 1.10.3-235.1.164.0 or later
- HPE Broadcom NetXtreme-E Drivers for VMware, version 2025.11.00 or later

Fixes

- This product fixes the issue where the firmware version details failed to update and the card showed as not operational after upgrading BCM5741x adapters
- This product fixes the issue where failed to detect a 10GBASE-LR SFP+ causing incorrect defaults and a link failure.
- This product fixes the issue where iLO BMC shared IP on OCP NIC, link flap occurred during OS reboot.
- This product fixes the issue where the adapter is unable to establish link after rebooting when using the “HPE 10GBASE-T SFP+ 30m RJ45 Transceiver” HPE PN 813874-B21 with vendor PN SP7053-HPE.
- This product fixed the issue where the System cannot power on and IML log shows Critical Temperature Threshold Exceeded.
- This product fixed the issue where NICs with LR cables and transceivers showing SR mode.
- This product fixed the issue where PCIe Negotiated Link Width is displaying as x4 instead of x8.
- This product fixes the issue where the Firmware update failed on BCM57416 4 MB flash cards .

Supported Devices and Features

This product supports the following network adapters:

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

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

Version: 2.42.0 (Recommended)

Important Note!

- This component ONLY support HPE ProLiant Gen10 server series.

HPE recommends HPE Broadcom tg3 Ethernet Drivers, versions 3.139w 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 the issue where unique serial number in VPD (Vital Product Data) will be altered to a dummy serial number
- This product fixes the issue where Failing to Obtain iLO shared NIC DHCP IP and MCTP EID Missing during Reboot.
- This product fixes the issue where PCI Temperature sensor might be missing intermittently causing Increase in Fan Speed

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 VMware for HPE ProLiant Gen10 server series Only.

Version: 1.43.0 (B) (Recommended)

Important Note!

- This component ONLY support HPE ProLiant Gen10 server series.

This software package contains combo image v20.35.41 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	1.64	21.6.4	1.5.65	21.6.92
HPE Ethernet 1Gb 2-port 332i Adapter (22E8) HPE Ethernet 1Gb 2-port 332T Adapter	1.43	21.6.4	1.5.65	21.6.92

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.

Fixes

- This product fixes the issue where unique serial number in VPD (Vital Product Data) will be altered to a dummy serial number
- This product fixes the issue where Failing to Obtain iLO shared NIC DHCP IP and MCTP EID Missing during Reboot.
- This product fixes the issue where PCI Temperature sensor might be missing intermittently causing Increase in Fan Speed

Enhancements

Added ESXi 9.1 Supported Environment

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: 5.4.6.0 (Recommended)

Important Note!

- This component ONLY support HPE ProLiant Gen10 server series.

HPE recommends HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions, version 221.0.8.0 or later, for use with this firmware.

This software package contains combo image v20.35.41 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	1.64	21.6.4	1.5.65	21.6.92
HPE Ethernet 1Gb 2-port 332i Adapter (22E8) HPE Ethernet 1Gb 2-port 332T Adapter	1.43	21.6.4	1.5.65	21.6.92

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

link : <https://www.hpe.com/global/swpublishing/MTX-edfaebf19e1b4179bb5e792e73>

Prerequisites

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

Fixes

- This product fixes the issue where unique serial number in VPD (Vital Product Data) will be altered to a dummy serial number
- This product fixes the issue where Failing to Obtain iLO shared NIC DHCP IP and MCTP EID Missing during Reboot.
- This product fixes the issue where PCI Temperature sensor might be missing intermittently causing Increase in Fan Speed

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: 5.4.8.0 (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	1.3911.0	N/A
HPE Ethernet 1Gb 2-port 361T Adapter	80001147	1.3911.0	N/A
HPE Ethernet 1Gb 4-port 366FLR Adapter	800011A1	1.3911.0	N/A
HPE Ethernet 1Gb 4-port 366T Adapter	800011F1	1.3911.0	N/A
HPE Ethernet 1Gb 4-port 369i Adapter	80003AC3	1.3911.0	N/A
HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	8000F231	1.3911.0	11.1.7
HPE Ethernet 10Gb 2-port 562FLR-T Adapter	800016F1	1.3911.0	10.55.3
HPE Ethernet 10Gb 2-port 562SFP+ Adapter	8000F232	1.3911.0	11.1.7
HPE Ethernet 10Gb 2-port 562T Adapter	800016EF	1.3911.0	10.55.3

- The combo image v1.3911.0 includes: Boot Agent: 1GbE - v1.5.90, 10GbE - v2.4.59, 40GbE - v1.1.45 &

UEFI Drivers: 1GbE - v9.9.03, 10GbE - v8.3.05, 40GbE - v5.0.33

- 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 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.

Fixes

- This product fixed an HII defect where the “functionless default” overwrote modification information for the same flag field.
- This product fixed an issue where BIOS failed to preserve greyed-out options, preventing unintended writes.

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: 1.37.0 (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 6.19.10-1 or later
 - HPE Intel ixgbe Drivers for Linux, versions 6.3.4-1 or later
 - HPE Intel i40e Drivers for Linux, versions 2.28.16-1 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/

Fixes

- This product fixed an HII defect where the “functionless default” overwrote modification information for the same flag field.
- This product fixed an issue where BIOS failed to preserve greyed-out options, preventing unintended writes.

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: 3.30.0 (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	1.3911.0	N/A
HPE Ethernet 1Gb 2-port 361T Adapter	80001147	1.3911.0	N/A
HPE Ethernet 1Gb 4-port 366FLR Adapter	800011A1	1.3911.0	N/A
HPE Ethernet 1Gb 4-port 366T Adapter	800011F1	1.3911.0	N/A
HPE Ethernet 1Gb 4-port 369i Adapter	80003AC3	1.3911.0	N/A
HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	8000F231	1.3911.0	11.1.7

HPE Ethernet 10Gb 2-port 562FLR-T Adapter	800016F1	1.3911.0	10.55.3
HPE Ethernet 10Gb 2-port 562SFP+ Adapter	8000F232	1.3911.0	11.1.7
HPE Ethernet 10Gb 2-port 562T Adapter	800016EF	1.3911.0	10.55.3

- The combo image v1.3911.0 includes: Boot Agent: 1GbE - v1.5.90, 10GbE - v2.4.59, 40GbE - v1.1.45 & UEFI Drivers: 1GbE - v9.9.03, 10GbE - v8.3.05, 40GbE - v5.0.33
- 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 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.

Fixes

- This product fixed an HII defect where the “functionless default” overwrote modification information for the same flag field.
- This product fixed an issue where BIOS failed to preserve greyed-out options, preventing unintended writes.

Enhancements

Added ESXi 9.1 Supported Environment

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 (C) (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 8.76.2.0-10 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 2025.09.00 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

Added SLES16 Support Environment

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 521T Adapter
- HPE StoreFabric CN1200R-T Converged Network Adapter
- HPE StoreFabric CN1300R Converged Network Adapter

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 and 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 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 VMware

Version: 1.37.0 (B) (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 HPE FlexFabric 10Gb 2-port 534FLR-SFP+ Adapter HPE FlexFabric 10Gb 4-port 536FLR-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.

Fixes

This product fixed the ESXi 9.1 supported issue.

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 (C) (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 HPE FlexFabric 10Gb 2-port 534FLR-SFP+ Adapter HPE FlexFabric 10Gb 4-port 536FLR-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 now supports Azure Local 24H2.

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: 4.91 (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 1.18.71.0 or later
- Intel ice Drivers for Linux, version 2.4.5-1 or later
- Intel icen Driver for VMware, version 2026.03.00 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

Fixes

- This product fixed an issue where the Shared NIC IP was not assigned for OCP Slot B network adapters on Gen12 ProLiant servers.

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: 4.91 (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 1.18.71.0 or later
- Intel ice Drivers for Linux, version 2.4.5-1 or later
- Intel icen Driver for VMware, version 2026.03.00 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

Fixes

- This product fixed an issue where the Shared NIC IP was not assigned for OCP Slot B network adapters on Gen12 ProLiant servers.

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: 4.91 (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 1.18.71.0 or later
- Intel ice Drivers for Linux, version 2.4.5-1 or later
- Intel icen Driver for VMware, version 2026.03.00 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

Fixes

- This product fixed an issue where the Shared NIC IP was not assigned for OCP Slot B network adapters on Gen12 ProLiant servers.

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: 4.91 (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 1.18.71.0 or later
- Intel ice Drivers for Linux, version 2.4.5-1 or later
- Intel icen Driver for VMware, version 2026.03.00 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

Fixes

- This product fixed an issue where the Shared NIC IP was not assigned for OCP Slot B network adapters on Gen12 ProLiant servers.

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: 4.91 (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 1.18.71.0 or later
- Intel ice Drivers for Linux, version 2.4.5-1 or later
- Intel icen Driver for VMware, version 2026.03.00 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

Fixes

- This product fixed an issue where the Shared NIC IP was not assigned for OCP Slot B network adapters on Gen12 ProLiant servers.

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: 1.36.0 (Recommended)

Prerequisites

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

Fixes

- This product fixed an HII defect where the “functionless default” overwrote modification information for the same flag field.
- This product fixed an issue where BIOS failed to preserve greyed-out options, preventing unintended writes.

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)
- HPE Ethernet 1Gb 4-port BaseT I350-T4 Adapter
- HPE Ethernet 1Gb 4-port BaseT I350-T4 OCP3 Adapter
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 OCP3 Adapter

Intel Online Firmware Upgrade Utility for VMware

Version: 3.29.0 (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	FW Version
HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	800100D3	1.3909.0	N/A	9.56
HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	800100DE	1.3909.0	N/A	9.56
Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter	8000123F	1.3909.0	N/A	N/A
Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter	80001234	1.3909.0	N/A	N/A

The combo image v1.3909.0 includes: Boot Agent: 1GbE - v1.5.90, 10GbE - v2.4.59, 40GbE - v1.1.45 & UEFI Drivers: 1GbE - v9.9.03, 10GbE - v8.3.05, 40GbE - v5.0.33

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.

Fixes

- This product fixed an HII defect where the “functionless default” overwrote modification information for the same flag field.
- This product fixed an issue where BIOS failed to preserve greyed-out options, preventing unintended writes.

Enhancements

Added ESXi 9.1 Supported Environment

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)
- HPE Ethernet 1Gb 4-port BaseT I350-T4 Adapter
- HPE Ethernet 1Gb 4-port BaseT I350-T4 OCP3 Adapter
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 OCP3 Adapter
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter

Intel Online Firmware Upgrade Utility for Windows Server x64 Editions

Version: 5.4.7.0 (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	FW Version
HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	800100D3	1.3909.0	N/A	9.56
HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	800100DE	1.3909.0	N/A	9.56
Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter	8000123F	1.3909.0	N/A	N/A
Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter	80001234	1.3909.0	N/A	N/A

The combo image v1.3909.0 includes: Boot Agent: 1GbE - v1.5.90, 10GbE - v2.4.59, 40GbE - v1.1.45 & UEFI Drivers: 1GbE - v9.9.03, 10GbE - v8.3.05, 40GbE - v5.0.33

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.

Fixes

- This product fixed an HII defect where the “functionless default” overwrote modification information for the same flag field.
- This product fixed an issue where BIOS failed to preserve greyed-out options, preventing unintended writes.

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)
- HPE Ethernet 1Gb 4-port BaseT I350-T4 Adapter
- HPE Ethernet 1Gb 4-port BaseT I350-T4 OCP3 Adapter
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 OCP3 Adapter
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter

NVIDIA Firmware Package (FWPKG) - Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE

Version: 26.48.1000 (Recommended)

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A list of known issues with this release is available

at: <https://docs.nvidia.com/networking/display/connectx6lxfirmwarev26481000/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 26.48.1000:

- An issue in the steering definers used for LAG with IPv6 traffic.
- The root complex sent MCTP-over-PCI messages before a BDF was assigned, causing responses to be sent with BDF 0. The fix ensures that MCTP messages routed by ID are ignored until a valid BDF is assigned.

Enhancements

New features and changes included in version 26.48.1000:

- PLDM now supports the PDR Repository Change event type, enabling notification to the BMC when PDRs change. With this flow, the BMC can detect cable insertion/removal events.
- Extended packet modify-header operations to support set and copy actions on the NVGRE VSID (Virtual Subnet Identifier) . A new field, TUNNEL_HDR_DW_2 (0x84), enables dynamic VSID modification, adding header rewrite support for NVGRE tunnel traffic in addition to existing filtering capabilities.

Supported Devices and Features

HPE Part Number	NVIDIA Ethernet Only Adapters	PSID
P42044-B21	Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	MT_0000000575

NVIDIA Firmware Package (FWPKG) - Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE

Version: 26.48.1000 (Recommended)

Important Note!

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A list of known issues with this release is available

at: <https://docs.nvidia.com/networking/display/connectx6lxfirmwarev26481000/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 26.48.1000:

- An issue in the steering definers used for LAG with IPv6 traffic.
- The root complex sent MCTP-over-PCI messages before a BDF was assigned, causing responses to be sent with BDF 0. The fix ensures that MCTP messages routed by ID are ignored until a valid BDF is assigned.

Enhancements

New features and changes included in version 26.48.1000:

- PLDM now supports the PDR Repository Change event type, enabling notification to the BMC when PDRs change. With this flow, the BMC can detect cable insertion/removal events.
- Extended packet modify-header operations to support set and copy actions on the NVGRE VSID (Virtual Subnet Identifier) . A new field, TUNNEL_HDR_DW_2 (0x84), enables dynamic VSID modification, adding header rewrite support for NVGRE tunnel traffic in addition to existing filtering capabilities.

Supported Devices and Features

HPE Part Number	NVIDIA Ethernet Only Adapters	PSID
P42041-B21	Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	MT_0000000551

NVIDIA Firmware Package (FWPKG) for HPE Ethernet 100Gb 1-port QSFP28 PCIe3 x16 MCX515A-CCAT

Adapter : HPE part numbers P31246-B21 and P31246-H21

Version: 16.35.8002 (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.

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A list of known issues with this release is available

at: <https://docs.nvidia.com/networking/display/connectx5firmwarev16358002lts/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 16.35.8002:

- Firmware failed to scan the correct CQs for the PF after the FW entered into the CQ recovery mode., resulting in CQs for the PF not being recovered.

Enhancements

New features and changes included in version 16.35.8002:

- Enhanced performance of firmware exception path handling to better support increased numbers of configured SR-IOV instances.
- This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your devices firmware to this release to improve the devices' firmware security and reliability.

Supported Devices and Features

This software package contains the following firmware versions:

NVIDIA Ethernet Only Adapters	Firmware Version	PSID
HPE Ethernet 100Gb 1-port QSFP28 PCIe3 x16 MCX515A-CCAT Adapter(P31246-B21 and P31246-H21)	16.35.8002	MT_0000000591

NVIDIA 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: 20.43.8004 (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
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 - InfiniBand	50GbE	100GbE/25GbE	40GbE/10GbE	1GbE
HDR / HDR100	supported	supported	not supported	supported
EDR	supported	supported	not supported	supported
FDR	not supported	not supported	not supported	not supported
QDR/SDR	supported	supported	not supported	supported

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A list of known issues with this release is available

at: <https://docs.nvidia.com/networking/display/connectx6firmwarev20438004/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

No new fixes have been included in version 20.43.8004.

Enhancements

New features and changes included in version 20.43.8004:

- To align with updated Microsoft UEFI Secure Boot requirements and the upcoming end-of-life of the 2011 Certificate Authority (CA), a transition to the 2023 CA has been done. To ensure successful loading

of the Expansion ROM (ExpROM) during the UEFI Secure Boot process, system BIOS and operating system trust stores must be updated to include the 2023 CA.

Note: When performing a firmware update of ConnectX and BlueField devices the new certificate is required for Secure Boot. To continue supporting Secure Boot, systems must be updated to recognize the "Microsoft Option ROM UEFI CA 2023".

Supported Devices and Features

This software package contains the following firmware versions:

NVIDIA VPI Adapter	Firmware Version	PSID
HPE InfiniBand HDR100/Ethernet 100Gb 2-port QSFP56 PCIe4 x16 MCX653106A-ECAT Adapter (P23666-B21 and P23666-H21)	20.43.8004	MT_0000000453

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: 28.48.1000 (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.

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A list of known issues with this release is available

at: <https://docs.nvidia.com/networking/display/connectx7firmwarev28481000/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 28.48.1000:

- An interoperability issue where, when ConnectX-7 communicates with ConnectX-8 using the probe-based algorithm, bandwidth could become extremely low due to probe packets being dropped.

- The DPA kernel used unsafe ICM access during process creation/modification, which would cause the DPA kernel to hang during FLR.
- User Debugger “query caps” returned only the number of capabilities, not the capability bitmap.
- Race condition in standby/boot power sequencing. In certain timing windows, port power-down would be delayed such that the power-up flow detected the port still transitioning to power-down, causing the sequence to fail and leaving the port stuck in a powered-down state.
- mlxlink reported 0 values for SNR (media and host) due to incorrect local port mapping in firmware and an incorrect page number used by MFT.
- Due to an SMBus release race condition, the I2C bus would become stuck.
- Fuse values were not aligned with the updated values burned across different ConnectX-7 setups.
- Issue in the steering definers used for LAG with IPv6 traffic.
- A spurious CNP was sent in response to an out-of-sequence packet.
- The root complex sent MCTP-over-PCI messages before a BDF was assigned, causing responses to be sent with BDF 0. The fix ensures that MCTP messages routed by ID are ignored until a valid BDF is assigned.
- The steering tables were not updated after enabling partial Spectrum-X capabilities (BTH.AR) via LLPD.
- When decapsulation on a packet occurred, the FCS indication was not calculated correctly.
- In IB system, RTT_response_sl feature did not work with Sniffer tools (e.g., Wireshark/Tcpdump/).

Enhancements

New features and changes included in version 28.48.1000:

- Improved the ADP-RETX algorithm to avoid re-arming without performing a retransmission.
- The DOCA PCC NP application now enables the NIC to insert the RTT response transmit timestamp in hardware, reducing software-induced jitter and improving the accuracy and consistency of RTT measurements.
- The system-wide limit for DPA processes has been reduced to 30. This total includes both user processes across all GVMMs and internal ProgCC processes. The max_dpa_processes value reported to the user is calculated as: $\text{max\_dpa\_processes} = 30 - \text{number\_of\_progcc\_processes}$
- Added MAD (Management Datagram) access to the new Adaptive Retransmission Histogram registers. Users can configure the histogram by issuing VSP MAD GET/SET operations to ADP_RETX_HISTOGRAM_CONFIG (0xC01D), and retrieve histogram data via VSP MAD GET to ADP_RETX_HISTOGRAM_READ (0xC01E) (using the required VSP MAD header values and TLV format). This enables configuring and collecting adaptive retransmission timeout statistics through the MAD interface.
- Host rate limiting has been extended to support bandwidth values above 255 Gbps. To remove the previous cap, a new max_bw_value_msb field was added to est_global, providing additional MSB bits to represent higher bandwidth values. With this enhancement, firmware and host tooling can correctly configure and report rate limits beyond 255 Gbps on high-speed links.
- PLDM now supports the PDR Repository Change event type, enabling notification to the BMC when PDRs change. With this flow, the BMC can detect cable insertion/removal events.

- Added support for running save and load operations in parallel, enabling multiple contexts (e.g., multiple VFs) to be checkpointed and restored concurrently instead of serially. This reduces overall migration time and improves scalability in environments that need to migrate or recover many VFs at once.
- Extended packet modify-header operations to support set and copy actions on the NVGRE VSID (Virtual Subnet Identifier) . A new field, TUNNEL_HDR_DW_2 (0x84), enables dynamic VSID modification, adding header rewrite support for NVGRE tunnel traffic in addition to existing filtering capabilities.
- Added a new output field, migration_state, to QUERY_VHCA_MIGRATION_STATE. Software uses this field to make live-migration flow decisions, specifically to signal when it is not a good time to transition into the stop-copy stage.
- To align with updated Microsoft UEFI Secure Boot requirements and the upcoming end-of-life of the 2011 Certificate Authority (CA), a transition to the 2023 CA has been done. To ensure successful loading of the Expansion ROM (ExpROM) during the UEFI Secure Boot process, system BIOS and operating system trust stores must be updated to include the 2023 CA.

Note: When performing a firmware update of ConnectX and BlueField devices the new certificate is required for Secure Boot. To continue supporting Secure Boot, systems must be updated to recognize the "Microsoft Option ROM UEFI CA 2023".

Supported Devices and Features

HPE Part Number	NVIDIA VPI Adapter	PSID
P45642-B22	HPE InfiniBand NDR200/Ethernet 200Gb 1-port OSFP PCIe5 x16 MCX75310AAS-HEAT Adapter (P45642-B22 and P45642-H22)	MT_0000001119

NVIDIA Firmware Package (FWPKG) for Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE

Version: 16.35.8002 (Recommended)

Important Note!

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A list of known issues with this release is available

at: <https://docs.nvidia.com/networking/display/connectx5firmwarev16358002/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 16.35.8002:

- Firmware failed to scan the correct CQs for the PF after the FW entered into the CQ recovery mode., resulting in CQs for the PF not being recovered.

Enhancements

New features and changes included in version 16.35.8002:

- Enhanced performance of firmware exception path handling to better support increased numbers of configured SR-IOV instances.
- This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your devices firmware to this release to improve the devices' firmware security and reliability.

Supported Devices and Features

HPE Part Number	NVIDIA Ethernet Only Adapters	PSID
P10112-B21	Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	MT_0000000241

NVIDIA Firmware Package (FWPKG) for Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE

Version: 22.48.1000 (Recommended)

Important Note!

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A list of known issues with this release is available

at: <https://docs.nvidia.com/networking/display/connectx6dxfirmwarev22481000/Known-Issues>

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 22.48.1000:

- An issue in the steering definers used for LAG with IPv6 traffic.

- The root complex sent MCTP-over-PCI messages before a BDF was assigned, causing responses to be sent with BDF 0. The fix ensures that MCTP messages routed by ID are ignored until a valid BDF is assigned.

Enhancements

New features and changes included in version 22.48.1000:

- PLDM now supports the PDR Repository Change event type, enabling notification to the BMC when PDRs change. With this flow, the BMC can detect cable insertion/removal events.
- Extended packet modify-header operations to support set and copy actions on the NVGRE VSID (Virtual Subnet Identifier) . A new field, TUNNEL_HDR_DW_2 (0x84), enables dynamic VSID modification, adding header rewrite support for NVGRE tunnel traffic in addition to existing filtering capabilities.

Supported Devices and Features

HPE Part Number	NVIDIA Ethernet Only Adapters	PSID
P25960-B21	Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE	MT_0000000437

NVIDIA Firmware Package(FWPKG) for HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACHT Adapter

Version: 16.35.8002 (Recommended)

Important Note!

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A list of known issues with this release is available

at: <https://docs.nvidia.com/networking/display/connectx5firmwarev16358002/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 16.35.8002:

- Firmware failed to scan the correct CQs for the PF after the FW entered into the CQ recovery mode., resulting in CQs for the PF not being recovered.

Enhancements

New features and changes included in version 16.35.8002:

- Enhanced performance of firmware exception path handling to better support increased numbers of configured SR-IOV instances.
- This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your devices firmware to this release to improve the devices' firmware security and reliability.

Supported Devices and Features

HPE Part Number	NVIDIA Ethernet Only Adapters	PSID
P13188-B21	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACHT Adapter	MT_0000000416

Online Firmware Upgrade Utility (ESXi 8.0) for HPE Mellanox Ethernet only adapters

Version: 1.0.7 (Recommended)

Important Note!

The Firmware Upgrade Utility has been split into 2 packages for Mellanox Ethernet Only NIC adapters, 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 are included in version 14.32.1908.

The following issues have been fixed in version 16.35.8002:

- Firmware failed to scan the correct CQs for the PF after the FW entered into the CQ recovery mode., resulting in CQs for the PF not being recovered.

Enhancements

Firmware for the following devices has been updated to 14.32.1908:

- 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 16.35.8002:

- 874253-B21 (HPE Ethernet 100Gb 1-port 842QSFP28 Adapter)

New features and changes included in version 14.32.1908:

- This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your devices firmware to this release to improve the devices' firmware security and reliability.

New features and changes included in version 16.35.8002:

- Enhanced performance of firmware exception path handling to better support increased numbers of

configured SR-IOV instances.

- This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your devices firmware to this release to improve the devices' firmware security and reliability.

Supported Devices and Features

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
817749-B21	HPE Ethernet 25Gb 2-port 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: 1.0.6 (Recommended)

Fixes

No fixes are included in version 12.28.4704.

The following issues have been fixed in version 16.35.8002:

- Firmware failed to scan the correct CQs for the PF after the FW entered into the CQ recovery mode., resulting in CQs for the PF not being recovered.

Enhancements

Firmware for the following devices has been updated to 12.28.4704:

- 825110-B21 (HPE InfiniBand EDR/Ethernet 100Gb 1-port 840QSFP28 Adapter)
- 825111-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 840QSFP28 Adapter)

Firmware for the following devices has been updated to 16.35.8002:

- 879482-B21 (HPE InfiniBand FDR/Ethernet 40/50Gb 2-port 547FLR-QSFP Adapter)
- 872726-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter)

New features and changes included in version 12.28.4704:

- This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your devices firmware to this release to improve the devices' firmware security and reliability.

New features and changes included in version 16.35.8002:

- Enhanced performance of firmware exception path handling to better support increased numbers of configured SR-IOV instances.
- This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your devices firmware to this release to improve the devices' firmware security and reliability.

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 NVIDIA VPI (Ethernet and InfiniBand mode) ConnectX6 devices on VMware ESXi 8.0

Version: 1.0.10 (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 - InfiniBand	200GbE/50GbE	100GbE/25GbE	40GbE/10GbE	1GbE
HDR / HDR100	supported	supported	not supported	supported
EDR	supported	supported	not supported	supported
FDR	not supported	not supported	not supported	not supported
QDR/SDR	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

No new fixes have been included in version 20.43.8004.

Enhancements

New features and changes included in version 20.43.8004:

- To align with updated Microsoft UEFI Secure Boot requirements and the upcoming end-of-life of the 2011 Certificate Authority (CA), a transition to the 2023 CA has been done. To ensure successful loading of the Expansion ROM (ExpROM) during the UEFI Secure Boot process, system BIOS and operating system trust stores must be updated to include the 2023 CA.

Note: When performing a firmware update of ConnectX and BlueField devices the new certificate is required for Secure Boot. To continue supporting Secure Boot, systems must be updated to recognize the "Microsoft Option ROM UEFI CA 2023".

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.x) for HPE Mellanox Ethernet only adapters

Version: 1.0.2 (A) (Recommended)

Important Note!

The Firmware Upgrade Utility has been split into 2 packages for Mellanox Ethernet Only NIC adapters, 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 are included in version 14.32.1908.

The following issues have been fixed in version 16.35.8002:

- Firmware failed to scan the correct CQs for the PF after the FW entered into the CQ recovery mode., resulting in CQs for the PF not being recovered.

Enhancements

Firmware for the following devices has been updated to 14.32.1908:

- 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 16.35.8002:

- 874253-B21 (HPE Ethernet 100Gb 1-port 842QSFP28 Adapter)

Changes included in product version 1.0.2(A):

- Support added for VMWare ESXi 9.1.

New features and changes included in version 14.32.1908:

- This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your devices firmware to this release to improve the devices' firmware security and reliability.

New features and changes included in version 16.35.8002:

- Enhanced performance of firmware exception path handling to better support increased numbers of configured SR-IOV instances.
- This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your devices firmware to this release to improve the devices' firmware security

and reliability.

Supported Devices and Features

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
817749-B21	HPE Ethernet 25Gb 2-port 640FLR-SFP28 Adapter	HP_2690110034
817753-B21	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	HP_2420110034

Online Firmware Upgrade Utility (ESXi 9.x) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 9.x

Version: 1.0.2 (A) (Recommended)

Fixes

No fixes are included in version 12.28.4704.

The following issues have been fixed in version 16.35.8002:

- Firmware failed to scan the correct CQs for the PF after the FW entered into the CQ recovery mode., resulting in CQs for the PF not being recovered.

Enhancements

Firmware for the following devices has been updated to 12.28.4704:

- 825110-B21 (HPE InfiniBand EDR/Ethernet 100Gb 1-port 840QSFP28 Adapter)
- 825111-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 840QSFP28 Adapter)

Firmware for the following devices has been updated to 16.35.8002:

- 879482-B21 (HPE InfiniBand FDR/Ethernet 40/50Gb 2-port 547FLR-QSFP Adapter)
- 872726-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter)

Changes included in product version 1.0.2(A):

- Support added for VMWare ESXi 9.1.

New features and changes included in version 12.28.4704:

- This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your devices firmware to this release to improve the devices' firmware security and reliability.

New features and changes included in version 16.35.8002:

- Enhanced performance of firmware exception path handling to better support increased numbers of configured SR-IOV instances.
- This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your devices firmware to this release to improve the devices' firmware security and reliability.

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.x) for HPE NVIDIA VPI (Ethernet and InfiniBand mode) ConnectX6 devices on VMware ESXi 9.x

Version: 1.0.4 (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 - InfiniBand	200GbE/50GbE	100GbE/25GbE	40GbE/10GbE	1GbE
HDR / HDR100	supported	supported	not supported	supported
EDR	supported	supported	not supported	supported
FDR	not supported	not supported	not supported	not supported
QDR/SDR	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

No new fixes have been included in version 20.43.8004.

Enhancements

New features and changes included in version 20.43.8004:

- To align with updated Microsoft UEFI Secure Boot requirements and the upcoming end-of-life of the 2011 Certificate Authority (CA), a transition to the 2023 CA has been done. To ensure successful loading of the Expansion ROM (ExpROM) during the UEFI Secure Boot process, system BIOS and operating system trust stores must be updated to include the 2023 CA.

Note: When performing a firmware update of ConnectX and BlueField devices the new certificate is required for Secure Boot. To continue supporting Secure Boot, systems must be updated to recognize the "Microsoft Option ROM UEFI CA 2023".

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: 1.0.24 (Recommended)

Important Note!

The Firmware Upgrade Utility has been split into 2 packages for Mellanox Ethernet Only NIC adapters, 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 are included in version 14.32.1908.

The following issues have been fixed in version 16.35.8002:

- Firmware failed to scan the correct CQs for the PF after the FW entered into the CQ recovery mode., resulting in CQs for the PF not being recovered.

Enhancements

Firmware for the following devices has been updated to 14.32.1908:

- 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 16.35.8002:

- 874253-B21 (HPE Ethernet 100Gb 1-port 842QSFP28 Adapter)

New features and changes included in version 14.32.1908:

- This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your devices firmware to this release to improve the devices' firmware security and reliability.

New features and changes included in version 16.35.8002:

- Enhanced performance of firmware exception path handling to better support increased numbers of configured SR-IOV instances.
- This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your devices firmware to this release to improve the devices' firmware security and reliability.

Supported Devices and Features

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
817749-B21	HPE Ethernet 25Gb 2-port 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: 1.0.19 (Recommended)

Fixes

No fixes are included in version 12.28.4704.

The following issues have been fixed in version 16.35.8002:

- Firmware failed to scan the correct CQs for the PF after the FW entered into the CQ recovery mode., resulting in CQs for the PF not being recovered.

Enhancements

Firmware for the following devices has been updated to 12.28.4704:

- 825110-B21 (HPE InfiniBand EDR/Ethernet 100Gb 1-port 840QSFP28 Adapter)
- 825111-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 840QSFP28 Adapter)

Firmware for the following devices has been updated to 16.35.8002:

- 879482-B21 (HPE InfiniBand FDR/Ethernet 40/50Gb 2-port 547FLR-QSFP Adapter)
- 872726-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter)

New features and changes included in version 12.28.4704:

- This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your devices firmware to this release to improve the devices' firmware security and reliability.

New features and changes included in version 16.35.8002:

- Enhanced performance of firmware exception path handling to better support increased numbers of configured SR-IOV instances.
- This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your devices firmware to this release to improve the devices' firmware security and reliability.

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 NVIDIA VPI (Ethernet and Infiniband mode)

ConnectX6 devices on Linux x86_64 platform

Version: 1.0.20 (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 - InfiniBand	200GbE/50GbE	100GbE/25GbE	40GbE/10GbE	1GbE
HDR / HDR100	supported	supported	not supported	supported
EDR	supported	supported	not supported	supported
FDR	not supported	not supported	not supported	not supported
QDR/SDR	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

No new fixes have been included in version 20.43.8004.

Enhancements

New features and changes included in version 20.43.8004:

- To align with updated Microsoft UEFI Secure Boot requirements and the upcoming end-of-life of the 2011 Certificate Authority (CA), a transition to the 2023 CA has been done. To ensure successful loading of the Expansion ROM (ExpROM) during the UEFI Secure Boot process, system BIOS and operating system trust stores must be updated to include the 2023 CA.

Note: When performing a firmware update of ConnectX and BlueField devices the new certificate is required for Secure Boot. To continue supporting Secure Boot, systems must be updated to recognize the "Microsoft Option ROM UEFI CA 2023".

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: 1.0.0.24 (Recommended)

Important Note!

The Firmware Upgrade Utility has been split into 2 packages for Mellanox Ethernet Only NIC adapters, 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 are included in version 14.32.1908.

The following issues have been fixed in version 16.35.8002:

- Firmware failed to scan the correct CQs for the PF after the FW entered into the CQ recovery mode., resulting in CQs for the PF not being recovered.

Enhancements

Firmware for the following devices has been updated to 14.32.1908:

- 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 16.35.8002:

- 874253-B21 (HPE Ethernet 100Gb 1-port 842QSFP28 Adapter)

New features and changes included in version 14.32.1908:

- This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your devices firmware to this release to improve the devices' firmware security and reliability.

New features and changes included in version 16.35.8002:

- Enhanced performance of firmware exception path handling to better support increased numbers of configured SR-IOV instances.
- This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your devices firmware to this release to improve the devices' firmware security and reliability.

Supported Devices and Features

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
817749-B21	HPE Ethernet 25Gb 2-port 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: 1.0.0.18 (Recommended)

Fixes

No fixes are included in version 12.28.4704.

The following issues have been fixed in version 16.35.8002:

- Firmware failed to scan the correct CQs for the PF after the FW entered into the CQ recovery mode., resulting in CQs for the PF not being recovered.

Enhancements

Firmware for the following devices has been updated to 12.28.4704:

- 825110-B21 (HPE InfiniBand EDR/Ethernet 100Gb 1-port 840QSFP28 Adapter)
- 825111-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 840QSFP28 Adapter)

Firmware for the following devices has been updated to 16.35.8002:

- 879482-B21 (HPE InfiniBand FDR/Ethernet 40/50Gb 2-port 547FLR-QSFP Adapter)
- 872726-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter)

New features and changes included in version 12.28.4704:

- This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your devices firmware to this release to improve the devices' firmware security and reliability.

New features and changes included in version 16.35.8002:

- Enhanced performance of firmware exception path handling to better support increased numbers of configured SR-IOV instances.
- This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your devices firmware to this release to improve the devices' firmware security and reliability.

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 NVIDIA VPI (Ethernet and Infiniband mode)

ConnectX6 devices on Windows x86_64 platform

Version: 1.0.0.16 (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 - InfiniBand	200GbE/50GbE	100GbE/25GbE	40GbE/10GbE	1GbE
HDR / HDR100	supported	supported	not supported	supported
EDR	supported	supported	not supported	supported
FDR	not supported	not supported	not supported	not supported
QDR/SDR	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

No new fixes have been included in version 20.43.8004.

Enhancements

New features and changes included in version 20.43.8004:

- To align with updated Microsoft UEFI Secure Boot requirements and the upcoming end-of-life of the 2011 Certificate Authority (CA), a transition to the 2023 CA has been done. To ensure successful loading of the Expansion ROM (ExpROM) during the UEFI Secure Boot process, system BIOS and operating system trust stores must be updated to include the 2023 CA.

Note: When performing a firmware update of ConnectX and BlueField devices the new certificate is required for Secure Boot. To continue supporting Secure Boot, systems must be updated to recognize the "Microsoft Option ROM UEFI CA 2023".

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: GPK8 (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 Reset issue and regular maintenance firmware update.

Enhancements

- Added support for SLES16

Online NVMe SSD Flash Component for Linux (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives

Version: GPK6 (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 Reset issue and regular maintenance firmware update

Enhancements

- Added support for SLES16

Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives

Version: GPK8 (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 Reset issue and regular maintenance firmware update

Enhancements

- Added support for SLES16

Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives

Version: HPK4 (C) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

A system reboot is mandatory after a firmware update to HPK3 or HPK4 to allow the Operating System

(OS) and HPE Integrated Lights-Out (iLO) to retrieve the correct firmware version from the BIOS.

Fixes

- This is a maintenance release to include code fix of FW defense algorithm, SN change after assert and POSCAP false alarm.
- For more information, refer to HPE Customer Advisory at the following URL: https://support.hpe.com/hpesc/public/docDisplay?docId=a00150197en_us.

Enhancements

- Added support for SLES16

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 Drive
Version: MPK78H5Q (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

- Fix for Uncorrectable Machine Check Exception (UMCE) issue which might occur.
- For more information, refer to HPE Customer Advisory at the following URL: https://support.hpe.com/hpesc/public/docDisplay?docId=a00142315en_us

Enhancements

- Added support for SLES16

Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives
Version: HPK5 (K) (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 an incompatibility issue in MCTP over PCIe VDM function
- Updated WCTEMP value for thermal throttling threshold
- Fixed CA https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00130699en_us

Enhancements

- Added support for SLES16

Online NVMe SSD Flash Component for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives

Version: HPK6 (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

- Previous firmware version HPK5 may cause Uncorrectable Machine Check Exception (UMCE) to occur. It is recommended to update firmware version to HPK6.
- For more information, CA is published at the following
URL: https://support.hpe.com/hpesc/public/docDisplay?docId=a00142315en_us

Enhancements

- Added support for SLES16

Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives

Version: 4ICRHPK3 (O) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

Fixes

- The issue affects SSDs with an HPE firmware version prior to 4ICRHPK3 that may result in SSD failure starting at 4,700 hours of operation, neither the SSD nor the data can be recovered, after the SSD failure occurs.
- For more information, refer to HPE Customer Bulletin at the following
URL: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00111900en_us
- Fixed CA https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00126514en_us

Enhancements

- Added support for SLES16

Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN Drives

Version: 85032G00 (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

- Implements FW-based VPD.
- ARP setting is changed from “Capable & Discoverable” to “Fixed & Discoverable”.
- A minor tweak to the Foreground Media Scan (FMS) algorithm to ensure critical variables are initialized properly.

Enhancements

- Added support for SLES16

Online NVMe SSD Flash Component for Linux (x64) -MZXMLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Drive

Version: MPK7825Q (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

- Fix for Uncorrectable Machine Check Exception (UMCE) issue which might occur.
- For more information, refer to HPE Customer Advisory at the following URL: https://support.hpe.com/hpesc/public/docDisplay?docId=a00142315en_us

Enhancements

- Added support for SLES16

Online NVMe SSD Flash Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives

Version: HPK6 (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 9.1

Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives

Version: GPK8 (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 9.1

Online NVMe SSD Flash Component for VMware ESXi - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives

Version: GPK6 (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 9.1

Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives

Version: GPK8 (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 9.1

Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives

Version: HPK4 (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 9.1

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 Drive

Version: MPK78H5Q (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 9.1

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 Drive

Version: MPK7825Q (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 9.1

Online NVMe SSD Flash Component for VMware ESXi - 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.

Enhancements

- Added support for ESXi 9.1

Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives

Version: 4ICRHPK3 (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 ESXi 9.1

Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWXFP and VS003840KWXFQ Drives

Version: 85032G00 (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 9.1

Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives

Version: GPK8 (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 Local 24H2

Online NVMe SSD Flash Component for Windows (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives

Version: GPK6 (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

- Fixed Reset issue and regular maintenance firmware update.

Enhancements

- Added support for Azure Local 24H2

Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives

Version: GPK8 (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 Local 24H2

Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives

Version: HPK4 (B) (Recommended)

Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

A system reboot is mandatory after a firmware update to HPK3 or HPK4 to allow the Operating System (OS) and HPE Integrated Lights-Out (iLO) to retrieve the correct firmware version from the BIOS.

Fixes

- This is a maintenance release to include code fix of FW defense algorithm, SN change after assert and POSCAP false alarm.
- For more information, refer to HPE Customer Advisory at the following URL: https://support.hpe.com/hpesc/public/docDisplay?docId=a00150197en_us.

Enhancements

- Added support for Azure Local 24H2

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 Drives

Version: MPK78H5Q (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 Local 24H2

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 Drives

Version: MPK7825Q (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 Local 24H2

Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives

Version: HPK5 (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

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Enhancements

- Added support for Azure Local 24H2

Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives

Version: HPK6 (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 Local 24H2

Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives

Version: 4ICRHPK3 (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

Fixes the displayed message of direct attached NVMe firmware flashing to align FW activation result by OS.

Enhancements

- Added support for Azure Local 24H2

Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN drives

Version: 85032G00 (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

- Fix drive flash issue when drive behind the controller in a specific scenario.

Enhancements

- Added support for Azure Local 24H2

Universal Firmware Package for Drives - MO000800KYDZK, MO001600KYDZR, MO003200KYDZT, MO006400KYDZU, VO000960KYDZH, VO001920KYDZL, VO003840KYDZN, VO001536KYDZQ and VO007680KYDZP

Version: HPK6 (Recommended)

Fixes

- Changes have been made in the 7500 firmware HPK6 over the previous firmware release to address Uncorrectable PCIe errors that are reported as ACS violations when Function Level Resets (FLR) are issued to the drive.

If this firmware is not updated, errors will be reported in HPE's iLO logging but there is no risk to user data or drive reliability.

Enhancements

- Disabled Latency Tolerance Reporting Feature
- Drop MCTP command when interrupted by a Function Level Reset (FLR)

Universal Firmware Package for Drives - MO001600KYFFF, MO003200KYFET, MO006400KYFEU, VO001920KYFFE, VO003840KYFEP, VO007680KYFEQ and VO015360KYFER

Version: HPK2 (Recommended)

Important Note!

Upgrading from HPK1 to HPK2 requires power cycle.

Fixes

- This is a maintenance release that contains code fix improvements and drive function enhancements. Upgrading from HPK1 to HPK2 requires power cycle.

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: HPK6 (Recommended)

Important Note!

PM9A3 does not support MCTP over PCIe due to a hardware limitation; therefore, updating FW using FWPKG does not work through the ILO GUI "Update Firmware" button.

Fixes

- This FW release modifies drive's behavior from "returning error" to "silently discard" if a request is received by drive from the host during FLR.

Universal Firmware Package for Drives - VR000480KXLXF

Version: HPK4 (Recommended)

Important Note!

- PM9A3 does not support MCTP over PCIe due to a hardware limitation; therefore, updating FW using FWPKG does not work through the ILO GUI "Update Firmware" button.

Fixes

- This FW update contains the fix for false ILO message of temporary drive "degraded" status.
- After the FW update, if the latest drive FW version is not correctly reflected in iLO under the scenarios outlined below, a system reboot or iLO reset may be required.
- HPK2 -> HPK4 (or later version)
- HPK3 -> HPK4 (or later version)

Universal Firmware Package for Drives - VR000480KYXPQ, VR000960KYXQA and VR001920KYXQB

Version: HPK2 (Recommended)

Fixes

- RSOD issue fixed. RSOD was occurred during server power-on if enable the VROC.

Universal Firmware Package for Drives - VR000960YYXPR

Version: HPK2 (Recommended)

Fixes

- RSOD issue fixed. RSOD was occurred during server power-on if enable the VROC.

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 time-out/failures.

Universal Firmware Package for Drives - MO001600KXVYH, MO003200KXVZD, MO006400KXVZE, VO001920KXVYF, VO003840KXVZA, VO007680KXVZB and VO015360KXVZC

Version: HPK4 (Recommended)

Fixes

- Regular FW maintenance release for sanitize, DRAM and log page fix.

Universal Firmware Package for Drives - MO001600KYLEC, MO003200KYLHL, MO006400KYLHN, VO001920KYLEB, VO003840KYLHF, VO007680KYLHH and VO015360KYLHK

Version: HPK1 (Recommended)

Fixes

- This is a maintenance release that contains code fix improvements and drive function enhancements.

Universal Firmware Package for Drives - MO001600YXUJB, MO003200YXUJC, MO006400YXUJD, VO001920YXUHU, VO003840YXUHV and VO007680YXUJA

Version: HPK4 (Recommended)

Fixes

- Regular FW maintenance release for sanitize, DRAM and log page fix.

Universal Firmware Package for Drives - VO000960KXNXD, VO001920KXNZQ, VO003840KXNZR, VO007680KXNZT, MO000800KXNXH, MO001600KXNZV, MO003200KXPAA and MO006400KXPAB

Version: HPS7 (Recommended)

Fixes

Changes have been made in the 7450 firmware HPS7 over the previous firmware release to address Uncorrectable PCIe errors that are reported as ACS violations when Function Level Resets (FLR) are issued to the drive.

If this firmware is not updated, errors will be reported in HPE's iLO logging but there is no risk to user data or drive reliability.

Enhancements

- Disabled Latency Tolerance Reporting Feature
- Drop MCTP command when interrupted by a Function Level Reset (FLR)

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 (D) (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 (D) (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 (D) (Recommended)

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 (D) (Recommended)

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: 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

- Regular FW maintenance release.

Enhancements

- Added support for SLES16

Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT 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

Fixes the Firmware version HPDB adds compatibility with the latest NAND generation for continuity of supply.

Enhancements

- Added support for SLES16

Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives

Version: HPD3 (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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MB018000JXMTH and MB020000JXMTP 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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE 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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWTL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTC and EO001600JWTCB Drives

Version: HPDB (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 for unrecovered errors which may occur on the targeted Blocks of Wear-leveling process when host issues Read command.
- Support firmware flash in OS FIPS enabled mode.

Enhancements

- Added support for SLES16

Online HDD/SSD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives

Version: HPD6 (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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNL and EG002400JWJNN Drives

Version: HPD6 (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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - EH000600JWCPF and EH000900JWCPH Drives

Version: HPDD (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

- Fixing Maximum Temperature Reporting in system log

Enhancements

- Added support for SLES16

Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPK and EH000600JWHPH 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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPH, EH000600JWHPN and EH000300JWHPL 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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives

Version: HPD5 (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

- Added fix to address a rare case where drive health queries can trigger false drive predictive failure.

Enhancements

- Added support for SLES16

Online HDD/SSD Flash Component for Linux (x64) - MB002000JYDNE and MB004000JYDPB Drives

Version: HPD6 (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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MB004000JWKGU Drive

Version: HPD2 (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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MB004000JWWQB and MB002000JWWQA Drives

Version: HPD8 (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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MB006000JWKGN Drive

Version: HPD2 (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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives

Version: HPD5 (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 SLES16.

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 (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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MB008000JWRTD Drive

Version: HPD2 (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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MB008000JWWQP and MB006000JWWQN Drives

Version: HPD8 (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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE 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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives

Version: HPD6 (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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MB012000JZYVN, MB014000JZYVP, MB016000JZVQ and MB018000JYCLK Drives

Version: HPD6 (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) - MB014000JWRTH, MB012000JWRTE and MB010000JWRTE Drives

Version: HPD2 (O) (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 firmware contains a fix for a data integrity issue that could occur during a power cycle while the drive is processing write commands.

Enhancements

- Added support for SLES16

Online HDD/SSD Flash Component for Linux (x64) - MB014000JWUDB Drive

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.

Enhancements

- Added support for SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MB014000JXUCC Drive

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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MB016000JWXKH Drive

Version: HPDC (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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MB016000JXLBA and MB018000JXLAU Drives

Version: HPD3 (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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives

Version: HPD2 (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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives

Version: HPD5 (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

- Fix for V6 Read disturb issue (which might have caused data integrity issue) and other issues.
- For more information, refer to HPE Customer Bulletin at the following URL:
https://support.hpe.com/hpesc/public/docDisplay?docId=a00136659en_us

Enhancements

- Added support for SLES16

Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives

Version: HPD5 (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

- Fix for V6 Read disturb issue (which might have caused data integrity issue) and other issues.
- For more information, refer to HPE Customer Bulletin at the following URL:
https://support.hpe.com/hpesc/public/docDisplay?docId=a00136659en_us

Enhancements

- Added support for SLES16

Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF 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

- Fix for unrecovered errors which may occur on the targeted Blocks of Wear-leveling process when host issues Read command.
- Support firmware flash in OS FIPS enabled mode.

Enhancements

- Added support for SLES16

Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV 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

- Added fix to address a rare case where drive health queries can trigger false drive predictive failure.

Enhancements

- Added support for SLES16

Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU 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 9.1

Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPK and EH000600JWHPH 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 9.1

Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPH, EH000600JWHPN and EH000300JWHPL 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 9.1

Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB 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 9.1

Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives

Version: HPD5 (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB002000JYDNE and MB004000JYDPB Drives

Version: HPD6 (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives

Version: HPD5 (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 9.1

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 VMware ESXi - 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 ESXi 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives

Version: HPD6 (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB018000JXMTH and MB020000JXMTP 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 9.1

Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE 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 9.1

Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840WTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWBT, MO003200JWBTU, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB, EO001600JWTCB Drives

Version: HPDB (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV 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 9.1

Online HDD/SSD Flash Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives

Version: HPD6 (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNL and EG002400JWJNN Drives

Version: HPD6 (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT 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 9.1

Online HDD/SSD Flash Component for VMware ESXi - EH000600JWCPF and EH000900JWCPH Drives

Version: HPDD (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB004000JWKGU 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 9.1

Online HDD/SSD Flash Component for VMware ESXi - 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 ESXi 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB006000JWKGN 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 9.1

Online HDD/SSD Flash Component for VMware ESXi - 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.

Enhancements

- Added Support for ESXi 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB008000JWRTD Drive

Version: HPD2 (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 ESXi 9.1

Online HDD/SSD Flash Component for VMware ESXi - 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 ESXi 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB012000JZYVN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives

Version: HPD6 (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.

Enhancements

- Added support for ESXi 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB014000JWUDB 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.

Enhancements

- Added Support for ESXi 9.1

Online HDD/SSD Flash Component for VMware ESXi - 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.

Enhancements

- Added Support for ESXi 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB016000JWXKH Drive

Version: HPDC (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - 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.

Enhancements

- Added Support for ESXi 9.1

Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives

Version: HPD2 (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - 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.

Enhancements

- Added support for ESXi 9.1

Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN 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.

Enhancements

- Added support for ESXi 9.1

Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF 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 ESXi 9.1

Online HDD/SSD Flash Component for VMware ESXi -MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives

Version: HPD2 (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 ESXi 9.1

Online HDD/SSD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives

Version: HPD6 (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 overall drive performance.
- The risk of not upgrading to this firmware is the increased possibility of Drive hang-up in certain error and timing conditions.

Enhancements

- Added support for Azure Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU 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

- Regular FW maintenance release.

Enhancements

- Added support for Azure Local 24H2

Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNL and EG002400JWJNN Drives

Version: HPD6 (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 overall drive performance.
- The risk of not upgrading to this firmware is the increased possibility of Drive hang-up in certain error and timing conditions.

Enhancements

- Added support for Azure Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT 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

Fixes the Firmware version HPDB adds compatibility with the latest NAND generation for continuity of supply.

Enhancements

- Added support for Azure Local 24H2

Online HDD/SSD Flash Component for Windows (x64) - EH000600JWCPF and EH000900JWCPH Drives

Version: HPDD (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 Local 24H2

Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPK and EH000600JWHPH 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 overall drive performance.
- The risk of not upgrading to this firmware is the increased possibility of Drive hang-up in certain error and timing conditions.

Enhancements

- Added support for Azure Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL 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 overall drive performance.
- The risk of not upgrading to this firmware is the increased possibility of Drive hang-up in certain error and timing conditions.

Enhancements

- Added support for Azure Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB 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

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 Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives

Version: HPD5 (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

- Added fix to address a rare case where drive health queries can trigger false drive predictive failure.

Enhancements

- Added support for Azure Local 24H2

Online HDD/SSD Flash Component for Windows (x64) - MB002000JYDNE and MB004000JYDPB Drives

Version: HPD6 (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

- Firmware changes aligned for future FIPS code release and one assert fix.

Enhancements

- Added support for Azure Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - MB004000JWKGU 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 Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - MB004000JWWQB and MB002000JWWQA 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.

Enhancements

- Added support for Azure Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - MB006000JWKGN 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 Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - MB006000JYDNF, MB008000JYDPC and MB010000JYDNH Drives

Version: HPD5 (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

- Firmware changes aligned for future FIPS code release and one assert fix.

Enhancements

- Added support for Azure Local 24H2.

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 (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

- Fix the controller library compatible issue.

Enhancements

- Added support for Azure Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - MB008000JWRTD Drive

Version: HPD2 (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 Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - MB008000JWWQP and MB006000JWWQN 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.

Enhancements

- Added support for Azure Local 24H2.

Online HDD/SSD Flash Component for Windows (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.

Enhancements

- Added support for Azure Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives

Version: HPD6 (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

- A Drive Firmware enhancement has been made to reduce the probability of infrequent, unexpected power loss on some backed drives in Primera 600 LFF enclosure.

Enhancements

- Added support for Azure Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - MB012000JZYVN, MB014000JZYVP, MB016000JZYVQ and MB018000JYCLK Drives

Version: HPD6 (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 Windows (x64) - MB014000JWRTH, MB012000JWRTE and MB010000JWRTE Drives

Version: HPD2 (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 Local 24H2

Online HDD/SSD Flash Component for Windows (x64) - MB014000JWUDB 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

- Fix the controller library compatible issue.

Enhancements

- Added support for Azure Local 24H2.

Online HDD/SSD Flash Component for Windows (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

- Fix the controller library compatible issue.

Enhancements

- Added support for Azure Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - MB016000JWXKH Drive

Version: HPDC (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

- 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 Local 24H2.

Online HDD/SSD Flash Component for Windows (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

- Fix the controller library compatible issue.

Enhancements

- Added support for Azure Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - MB018000JXMTM and MB020000JXMTP 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 Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE 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

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 Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives

Version: HPD2 (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 Local 24H2.

Online HDD/SSD Flash Component for Windows (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.

Enhancements

- Added support for Azure Local 24H2

Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTL, VO003840JWTDN, VO007680JWTDN, MO000400JWTDN, MO000800JWTDN, MO001600JWTDN, MO003200JWTDN, MO006400JWTDN, EO000400JWTDN, EO000800JWTDN and EO001600JWTDN Drives

Version: HPDB (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 Local 24H2

Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN 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.

Enhancements

- Added support for Azure Local 24H2

Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF 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 Local 24H2

Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV 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

- Added fix to address a rare case where drive health queries can trigger false drive predictive failure.

Enhancements

- Added support for Azure Local 24H2

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 - MB020000JXMOVU

Version: HPD1 (B) (Recommended)

Fixes

- Remove ROM flash way from this FWPKG.

Universal Firmware Package for Drives - MB12000JYESN, MB16000JYEVC, MB20000JYEVD

Version: HPD3 (Recommended)

Fixes

- Regular FW fix on assert, time-out, error log several fixes

Enhancements

- RPM data missing from iLO GUI (Can't downgrade backward to HPD1)

Universal Firmware Package for Drives - MB24000JYEVE

Version: HPD3 (Recommended)

Fixes

- Regular FW fix on assert, time-out, error log several fixes

Enhancements

- RPM data missing from iLO GUI (Can't downgrade backward to HPD1)

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: HPD4 (Recommended)

Fixes

- Fix chip kill -The host IO CMD may get timed out and shows SNS=04/40/C2
- Fix garbage collection checking for performance recovery.

Universal Firmware Package for Drives - MO001600PXVRU, VO003840PXVRR and VO007680PXVRT

Version: HPD3 (Recommended)

Fixes

- Fix chip kill -The host IO CMD may get timed out and shows SNS=04/40/C2.

Universal Firmware Package for Drives - MO001600PZWSH, MO003200PZWSK, MO000800PZWSE and MO006400PZXFA

Version: HPD4 (Critical)

Fixes

- This is a firmware maintenance release. It addresses a potential data loss issue, along with other bug fixes and improvements.
- For more information, refer to HPE Customer Bulletin at the following URL: https://support.hpe.com/hpsc/doc/public/display?docId=a00150711en_us.

Universal Firmware Package for Drives - VO000960PZWSL, VO001920PZWSN, VO003840PZWSP, VO007680PZXFB and VO015360PZXEU

Version: HPD4 (Critical)

Fixes

- This is a firmware maintenance release. It addresses a potential data loss issue, along with other bug fixes and improvements.
- For more information, refer to HPE Customer Bulletin at the following URL: https://support.hpe.com/hpsc/doc/public/display?docId=a00150711en_us.

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 (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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives

Version: HPG1 (O) (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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MB004000GWKGV Drive

Version: HPG1 (N) (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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives

Version: HPG6 (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

- Update maximum continuous operation temperature values for host thermal management and reporting.

Enhancements

- Added support for SLES16

Online HDD/SSD Flash Component for Linux (x64) - MB006000GWJRR and MB008000GWJRT Drives

Version: HPG6 (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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MB006000GWKGR Drive

Version: HPG1 (N) (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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MB008000GWRTC Drive

Version: HPG1 (N) (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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MB008000GWWQU and MB006000GWWQT Drives

Version: HPG8 (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

- Optimize thermal maximum continuous operation temperature values

Enhancements

- Added support for SLES16

Online HDD/SSD Flash Component for Linux (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives

Version: HPG1 (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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR 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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MB012000GZYVT, MB014000GZVU, MB016000GZVU and MB018000GYCLL Drives

Version: HPG6 (Recommended)

Fixes

- Improves data integrity.
- The risk of not upgrading to this firmware is the increased possibility of data corruption in certain error and timing conditions.
- Several maintenance items are included in this firmware revision that reduce the probability of hangs

and provide a minor performance improvement.

Online HDD/SSD Flash Component for Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives

Version: HPG2 (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

- This firmware contains a fix for a data integrity issue that could occur during a power cycle while the drive is processing write commands.

Enhancements

- Added support for SLES16

Online HDD/SSD Flash Component for Linux (x64) - MB014000GWUDA Drive

Version: HPG3 (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 SLES16.

Online HDD/SSD Flash Component for Linux (x64) - MB016000GWXKK Drive

Version: HPG5 (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) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives

Version: HPG3 (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

- Improve the FW about data mismatch after SPL issued

Enhancements

- Added support for SLES16

Online HDD/SSD Flash Component for Linux (x64) - MK000480GZXRA, MK000960GZXR B, MK001920GZXRC and MK003840GZXRV Drives

Version: HPG1 (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

- Fix contains optimization to increase the time for Recovery operation and few checks for maintenance.

Enhancements

- Added support for SLES16

Online HDD/SSD Flash Component for Linux (x64) - MM2000GEFRA Drive

Version: HPG9 (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

Fixes an intermittent issue where the incorrect model number can be reported during spin-up.

Enhancements

- Added support for SLES16

Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives

Version: HPG5 (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

Fixes a rare link loss issue and adds enhancements for drive reliability.

- After HPG5 firmware is downloaded to the drive, the new HPG5 firmware will be active on the drive.
- The new drive bootloader code will be activated after the next drive power cycle.

- For more information, refer to HPE Customer Advisory at the following URL: https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00072768en_us

Enhancements

- Added support for SLES16

Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTTH, MK000960GWTTK, MK001920GWTTTL and MK003840GWTTN Drives

Version: HPG7 (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 a false indication of rare capacitor test failure

Enhancements

- Added support for SLES16

Online HDD/SSD Flash Component for Linux (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives

Version: HPG1 (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

- Fix contains optimization to increase the time for Recovery operation and few checks for maintenance.

Enhancements

- Added support for SLES16

Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives

Version: HPG5 (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 contains code improvements for SMART reporting.

Enhancements

- Added support for SLES16

Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives

Version: HPG3 (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

- Improve the FW about data mismatch after SPL

Enhancements

- Added support for SLES16

Online HDD/SSD Flash Component for VMware ESXi - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives

Version: HPG1 (F) (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR 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 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB018000GXMTK and MB020000GXMTQ 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 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives

Version: HPG1 (L) (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB004000GWKGV Drive

Version: HPG1 (L) (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives

Version: HPG6 (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB006000GWJRR and MB008000GWJRT Drives

Version: HPG6 (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB006000GWKGR Drive

Version: HPG1 (L) (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB008000GWRTC Drive

Version: HPG1 (L) (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB008000GWWQU and MB006000GWWQT Drives

Version: HPG8 (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB012000GZYVT, MB014000GZVU, MB016000GZVV and MB018000GYCLL Drives

Version: HPG6 (Recommended)

Fixes

- Improves data integrity.
- The risk of not upgrading to this firmware is the increased possibility of data corruption in certain error and timing conditions.
- Several maintenance items are included in this firmware revision that reduce the probability of hangs and provide a minor performance improvement.

Enhancements

- Added support for ESXi 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives

Version: HPG2 (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB014000GWUDA Drive

Version: HPG3 (D) (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.

Fixes

- Added Support for ESXi 9.1

Online HDD/SSD Flash Component for VMware ESXi - MB016000GWXKK Drive

Version: HPG5 (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives

Version: HPG3 (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives.

Version: HPG1 (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives

Version: HPG5 (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTTH, MK000960GWTTK, MK001920GWTTTL and MK003840GWTTN Drives

Version: HPG7 (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives.

Version: HPG1 (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives

Version: HPG5 (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 9.1

Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives

Version: HPG3 (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 9.1

Online HDD/SSD Flash Component for Windows (x64) - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives

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.

Enhancements

- Added support for Azure Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - MB004000GWKGV 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.

Enhancements

- Added support for Azure Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives

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 Local 24H2

Online HDD/SSD Flash Component for Windows (x64) - MB006000GWJRR and MB008000GWJRT Drives

Version: HPG6 (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 Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - 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.

Enhancements

- Added support for Azure Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - 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.

Fixes

- Fix the controller library compatible issue.

Enhancements

- Added support for Azure Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - MB008000GWWQU and MB006000GWWQT 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 Local 24H2

Online HDD/SSD Flash Component for Windows (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives

Version: HPG1 (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 Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR 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.

Fixes

- Regular Firmware changes included:
 - Corner case performance enhance.
 - Servo change that resolves issue with early heat application from Idle sweep seek terminated that may cause read errors.

Enhancements

- Added support for Azure Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - MB012000GZYVT, MB014000GZYVU, MB016000GZYVV and MB018000GYCLL Drives

Version: HPG6 (Recommended)

Fixes

- Improves data integrity.
- The risk of not upgrading to this firmware is the increased possibility of data corruption in certain error and timing conditions.
- Several maintenance items are included in this firmware revision that reduce the probability of hangs and provide a minor performance improvement.

Online HDD/SSD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives

Version: HPG2 (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 Local 24H2

Online HDD/SSD Flash Component for Windows (x64) - MB014000GWUDA Drive

Version: HPG3 (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 Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - MB016000GWXKK Drive

Version: HPG5 (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 Windows (x64) - MB018000GXMTK and MB020000GXMTQ 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 Local 24H2.

Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives

Version: HPG3 (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 Local 24H2

Online HDD/SSD Flash Component for Windows (x64) - MK000480GZXRA, MK000960GZXRB, MK001920GZXRC and MK003840GZXRV Drives

Version: HPG1 (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 Local 24H2

Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives

Version: HPG5 (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 Local 24H2

Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GW TTH, MK000960GW TTK, MK001920GW TTL and MK003840GW TTN Drives

Version: HPG7 (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 Local 24H2

Online HDD/SSD Flash Component for Windows (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives

Version: HPG1 (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 Local 24H2

Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives

Version: HPG5 (D) (Recommended)

Enhancements

- Added support for Azure Local 24H2

Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives

Version: HPG3 (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 Local 24H2

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: HPG3 (Recommended)

Fixes

Regular FW fix on assert, time-out, error log several fixes.

Universal Firmware Package for Drives - MB002000GYDNK and MB004000GYDPD

Version: HPG4 (Recommended)

Fixes

- Firmware changes aligned for FIPS code release and one assert fix

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: HPG4 (Recommended)

Fixes

- Firmware changes aligned for FIPS code release and one assert fix

Universal Firmware Package for Drives - MB24000GYEVK

Version: HPG3 (Recommended)

Fixes

- Regular FW fix on assert, time-out, error log several fixes.

Universal Firmware Package for Drives - MK000480GXNXB, MK000960GXNZK, MK001920GXNZL, MK003840GXNZN, VK000240GXNWU, VK000480GXNZA, VK000960GXNZB, VK001920GXNZC, VK003840GXNZD, VK007680GXNZE, VK000480SXNWV, VK001920SXNZF, MK000960SXNXC and MK001920SXNZP

Version: HPG1 (Recommended)

Fixes

- Improve FW handling on capacitor charge timeout mechanism
- Change the sense code during download microcode (OE)

Universal Firmware Package for Drives -

MK000480GYCNT ,MK000960GYCNP ,MK001920GYCNF ,MK003840GYCNQ ,VK000240GYCNU ,VK000480GYC NH ,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: 8.00 (Recommended)

Important Note!

- HPE Service Pack for ProLiant (SPP) provides a fully qualified recipe for specific firmware and drivers released within the same cycle, making it the primary recommended choice.
- It is strongly recommended to use controller firmware version 8.00 for SR SAS/SATA controllers and firmware version 03.01.44.040 for SR tri-mode controllers, along with Windows 2022/2025 driver version 1016.30.0.1014, Linux driver version 2.1.38-022, and VMware ESXi driver version 80.4880.0.109/90.4880.0.109, as this combination has been fully qualified.

- For Windows 2016 driver, please use 1010.84.0.1012 in below link:
<https://www.hpe.com/global/swpublishing/MTX-c523e081ab344bc4b4bc9d5686>
- For Windows 2019 driver, please use 1016.10.0.1004 in below link:
<https://www.hpe.com/global/swpublishing/MTX-29e86213c3ab4e94b0b54906f7>

Fixes

- Fixed an issue that prevented drive rebuilds from restarting after unexpected power loss when media exchange was accepted in auto-replace spare configurations.
- Fixed an issue that caused auto-replace spare activation during the LOOSE_CABLE state, which could swap data drives prematurely and lead to volume failure and potential data integrity issues.
- Fixed an issue where IOPS could drop on large-capacity HDDs during Consistency Check under 4K random write workloads in RAID 1 configurations.
- Fixed an issue no-battery write cache (NBWC) can be enabled by the user in the event of a battery failure, unless the cache module itself is experiencing an error.
- Fixed an issue where ATA passthrough IDENTIFY DEVICE (0xEC) commands issued from BMC could time out due to incorrect transfer length handling.
- Fixed an issue where SSD array creation with non-deterministic drive ordering could incorrectly disable Accelerated IO on some drives, leading to performance degradation.
- Fixed an issue where the fault LED did not illuminate for a hot-removed data drive during RAID rebuild with auto replace spare enabled.
- Fixed an issue where the system could become unresponsive with lockup code as 0x1E00 when multiple out-of-band management requests were sent concurrently for the same session.
- Fixed an issue where failed or missing drives were not correctly indicated when listing drives in the HII disk utilities menu.
- Fixed an issue where PLDM Type 6 volume creation could fail on certain controllers that do not support volume caching or the IOPerfModeEnabled feature. Volume creation and update requests that explicitly disable these features (for example, setting cache policies to Off or IOPerfModeEnabled to false) are now handled correctly and will no longer be rejected.
- Fixed an issue where RDE READ could incorrectly report a split mirror backup volume as Enabled instead of StandbyOffline when the original primary volume was created via RDE CREATE. Volume usage identification was corrected to ensure accurate status reporting.
- Fixed an issue where DriveMetrics.PowerOnHours could be incorrectly reported as zero for SSDs on certain platforms. Power-on hours reporting was updated by drive type, NVMe drives reporting with DriveMetrics.NVMeSMART.PowerOnHours, SAS and SATA HDDs reporting a null value.

Enhancements

- Logical drive information menu: Enhanced to display the association between failed data drives and active spares upon drive failure.
- "Added support for the standardized Operation property in PLDM Operations arrays, providing schema-defined operation enums as below:
 - Drive Resource — Rebuild/Sanitize/Encrypt
 - Volume Resource — Initialize/Rebuild/Encrypt/ChangeRAIDLayout/ChangeStripSize/Resize.

The legacy OperationName property remains available and is now marked as deprecated."

- Added support for StorageController status conditions ResetRecommended and ResetRequired. When configuration changes require a system reboot to take effect, the controller reports the status through both Status.Conditions and Redfish event messages.
- Enhanced RDE error messaging to provide clearer error descriptions for Volume DELETE and SED-enabled CREATE operations, returning detailed messages directly in the response payload instead of generic ExtendedInfo references.

Firmware Package - HPE Gen12 Boot Controller NS204i-u, HPE Gen11 Boot Controller NS204i-u, NS204i-d and HPE Gen10 Plus Boot Controller NS204i-p, NS204i-d, NS204i-t, NS204i-r

Version: 1.2.14.1029 (B) (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.

- <https://www.hpe.com/global/swpublishing/MTX-c75706b8a59d4d8aabc4e4cc30>

For Gen10 plus server users, the NS204i firmware has to be 1.2.14.1018 or later in order to enable PLDM firmware update functionality for the controller. Please find the smart component versions of 1.2.14.1018 in below link:

- Windows: <https://www.hpe.com/global/swpublishing/MTX-84a4e0bb354f48eaad65cf9451>
- Linux: <https://www.hpe.com/global/swpublishing/MTX-b6448d485ca64fd7a5d0d5f75e>
- VMware: <https://www.hpe.com/global/swpublishing/MTX-ad49b1acb0d4455c86460c727a>

Prerequisites

- iLO 6 version 1.10 or later is required for Gen11 and Gen12 servers.
- iLO 5 version 2.81 or later is required for Gen10/Gen10 Plus servers

Fixes

This product resolves the issue that NS204i-r and NS204i-t target guid missing in FWPKG secret header.

Firmware Package - HPE MR216i-a Gen10 Plus Tri Mode Controller

Version: 52.36.3-6584 (Recommended)

Important Note!

- This firmware version to be used on HPE MR216i-a Gen10 Plus Controller.
- The minimum iLO versions required to support 52.36.3-6584 are iLO 7 1.20, iLO 6 1.74, and iLO 5 3.18.

Prerequisites

iLO5 version should be at least 2.98 is required for chassis&Fabric support.

Fixes

- Fix an issue that Backup Exec doesn't work with LTO drives in Linux systems

- Fix a rare issue that controller VM fails to bootup after a host reboot on Linux hypervisor
- Fix an issue that poor performance is observed during small-range writes
- Fix an issue that storcli show /cx/ex/sx poh (power on hour) command report error on NVMe drives
- Fix a rare issue that PL fault 0x4318 is observed during the IPMI power-cycle test
- Fix a rare issue that cache restore failure observed after firmware update followed by a server UMCE (unrecoverable machine check error)
- Fix an issue that firmware may assert when NVME drives take long time for Task Management
- Fix a rare issue that PL fault 0x6054 observed during patrol read in progress
- Fix a rare issue that firmware may assert during firmware update with IOs and task managements on JBOD drives.
- Fix an issue that foreign drive is shown in HotspareType@Redfish.AllowableValues
- Fix an issue that SATA LFF drives list the "DriveFormFactor" as "2_5" under the Storage tab and in Redfish
- Fix an issue that Server health shows Warning when a degraded volume is present
- Fix a rare issue that GET operation on Redfish Drive URI occasionally return 404 Not Found
- Fix an issue that rebuild does not start on an SED drive when inserted in the missing slot of a R1 drive
- Fix an issue that NVME drive undergoing sanitize is not detected after server reboot
- Fix a rare issue that Redfish Chassis properties are not properly displayed for UBM10 backplane
- Fix an issue that PCIConfiglink page events may come continuously in snapdump log
- Fix a rare issue that firmware may assert when user starts crypto erase and removed the drive
- Fix an issue that the sanitize percentage does not progress when monitoring drive's sanitize state
- Fix a rare issue that PLDM Fault 0x5: Command abort failed observed when doing backplane firmware update
- Fix a rare firmware crash that may occur during concurrent Virtual Machine clone operations and JBOD creation
- Fix an issue that firmware may assert if drive goes through shield recovery and is subsequently removed
- Fix a rare issue that firmware may assert while running IO's and Task Management

Enhancements

- Add additional escape sequences for special characters when encoding BEJString to comply with the DMTF specification. iLO 7 1.20, iLO6 1.74 and iLO5 3.18 are required to support this change.
- DMTF PLDM Redfish Device Enablement enhancements
 - Add support for Redfish Conditions (GET)
 - Each resource contains a conditions table that lists the appropriate MessageId and MessageSeverity. Redfish messages impact the Redfish

resource Status object. Any outstanding message will appear in the Redfish Status[Conditions] array. The highest Status[Conditions][Severity] sets the overall Status[Health] of the resource. When the Status[Conditions] array is empty the Status[Health] shall be OK.

- Port Conditions do not display any condition other than OK
 - In scenarios where ControllerPreviousError condition happens, the same is listed under StorageController.Status. Usually after iLO acknowledges ControllerPreviousError event, FW clears the condition from the StorageController.Status.Conditions[] list.
 - Redfish Metrics GET Support for DriveMetrics, EnvironmentMetrics and VolumeMetrics
 - DriveMetrics: BadBlockCount, ReadIOPiBytes, WriteIOPiBytes, PowerOnHours, NVMeSMART (MVMmeSMART attributes are supported for NVMe drive only)
 - EnvironmentMetrics for Drive Resource: TemperatureCelsius.Reading
 - VolumeMetrics: ConsistencyCheckCount, ConsistencyCheckErrorCount, RebuildErrorCount
 - Each counter can hold a value up to 65535. Once the counter reaches the maximum value the value is not reset.
 - Metrics are cleared when user performs Controller NVRAM clear or Redfish ResetToDefaults.ResetAll.
- Add support for Redfish Parallel Resource PDR. The feature reduce iLO resource required to support controller related Metrics.
 - Add support for UBM11 backplane
 - Enhanced the UBM backplane firmware update process to eliminate the risk of firmware corruption when transferred data becomes corrupted
 - Refine the message on HII prereview configuration for the foreign import
 - Removed the Sanitize Secure Erase option from MRSA for SED drives, as SEDs support only Cryptographic Erase
 - Return error when enabling encryption with 256 characters in the "EncryptionKeyIdentifier" property through Redfish

Firmware Package - HPE MR216i-p Gen10 Plus Tri Mode Controller

Version: 52.36.3-6584 (Recommended)

Important Note!

- This firmware version to be used on HPE MR216i-p Gen10 Plus Controller.
- The minimum iLO versions required to support 52.36.3-6584 are iLO 7 1.20, iLO 6 1.74, and iLO 5 3.18.

Prerequisites

iLO5 version should be at least 2.98 is required for chassis&Fabric support.

Fixes

- Fix an issue that Backup Exec doesn't work with LTO drives in Linux systems
- Fix a rare issue that controller VM fails to bootup after a host reboot on Linux hypervisor
- Fix an issue that poor performance is observed during small-range writes
- Fix an issue that storcli show /cx/ex/sx poh (power on hour) command report error on NVMe drives
- Fix a rare issue that PL fault 0x4318 is observed during the IPMI power-cycle test
- Fix a rare issue that cache restore failure observed after firmware update followed by a server UMCE (unrecoverable machine check error)
- Fix an issue that firmware may assert when NVME drives take long time for Task Management
- Fix a rare issue that PL fault 0x6054 observed during patrol read in progress
- Fix a rare issue that firmware may assert during firmware update with IOs and task managements on JBOD drives.
- Fix an issue that foreign drive is shown in HotspareType@Redfish.AllowableValues
- Fix an issue that SATA LFF drives list the "DriveFormFactor" as "2_5" under the Storage tab and in Redfish
- Fix an issue that Server health shows Warning when a degraded volume is present
- Fix a rare issue that GET operation on Redfish Drive URI occasionally return 404 Not Found
- Fix an issue that rebuild does not start on an SED drive when inserted in the missing slot of a R1 drive
- Fix an issue that NVME drive undergoing sanitize is not detected after server reboot
- Fix a rare issue that Redfish Chassis properties are not properly displayed for UBM10 backplane
- Fix an issue that PCIConfiglink page events may come continuously in snapdump log
- Fix a rare issue that firmware may assert when user starts crypto erase and removed the drive
- Fix an issue that the sanitize percentage does not progress when monitoring drive's sanitize state
- Fix a rare issue that PLDM Fault 0x5: Command abort failed observed when doing backplane firmware update
- Fix a rare firmware crash that may occur during concurrent Virtual Machine clone operations and JBOD creation
- Fix an issue that firmware may assert if drive goes through shield recovery and is subsequently removed
- Fix a rare issue that firmware may assert while running IO's and Task Management

Enhancements

- Add additional escape sequences for special characters when encoding BEJString to comply with the DMTF specification. iLO 7 1.20, iLO6 1.74 and iLO5 3.18 are required to support this change.
- DMTF PLDM Redfish Device Enablement enhancements
 - Add support for Redfish Conditions (GET)

- Each resource contains a conditions table that lists the appropriate MessageId and MessageSeverity. Redfish messages impact the Redfish resource Status object. Any outstanding message will appear in the Redfish Status[Conditions] array. The highest Status[Conditions][Severity] sets the overall Status[Health] of the resource. When the Status[Conditions] array is empty the Status[Health] shall be OK.
- Port Conditions do not display any condition other than OK
- In scenarios where ControllerPreviousError condition happens, the same is listed under StorageController.Status. Usually after iLO acknowledges ControllerPreviousError event, FW clears the condition from the StorageController.Status.Conditions[] list.
- Redfish Metrics GET Support for DriveMetrics, EnvironmentMetrics and VolumeMetrics
- DriveMetrics: BadBlockCount, ReadIOPKiBytes, WriteIOPKiBytes, PowerOnHours, NVMeSMART (MVMmeSMART attributes are supported for NVMe drive only)
- EnvironmentMetrics for Drive Resource: TemperatureCelsius.Reading
- VolumeMetrics: ConsistencyCheckCount, ConsistencyCheckErrorCount, RebuildErrorCount
- Each counter can hold a value up to 65535. Once the counter reaches the maximum value the value is not reset.
- Metrics are cleared when user performs Controller NVRAM clear or Redfish ResetToDefaults.ResetAll.
- Add support for Redfish Parallel Resource PDR. The feature reduce iLO resource required to support controller related Metrics.
- Add support for UBM11 backplane
- Enhanced the UBM backplane firmware update process to eliminate the risk of firmware corruption when transferred data becomes corrupted
- Refine the message on HII prereview configuration for the foreign import
- Removed the Sanitize Secure Erase option from MRSA for SED drives, as SEDs support only Cryptographic Erase
- Return error when enabling encryption with 256 characters in the "EncryptionKeyIdentifier" property through Redfish

Firmware Package - HPE MR416i-a Gen10 Plus Tri Mode Controller

Version: 52.36.3-6584 (Recommended)

Important Note!

- This firmware version to be used on HPE MR416i-a Gen10 Plus Controller.
- The minimum iLO versions required to support 52.36.3-6584 are iLO 7 1.20, iLO 6 1.74, and iLO 5 3.18.

Prerequisites

iLO5 version should be at least 2.98 is required for chassis&Fabric support.

Fixes

- Fix an issue that Backup Exec doesn't work with LTO drives in Linux systems
- Fix a rare issue that controller VM fails to bootup after a host reboot on Linux hypervisor
- Fix an issue that poor performance is observed during small-range writes
- Fix an issue that storcli show /cx/ex/sx poh (power on hour) command report error on NVMe drives
- Fix a rare issue that PL fault 0x4318 is observed during the IPMI power-cycle test
- Fix a rare issue that cache restore failure observed after firmware update followed by a server UMCE (unrecoverable machine check error)
- Fix an issue that firmware may assert when NVME drives take long time for Task Management
- Fix a rare issue that PL fault 0x6054 observed during patrol read in progress
- Fix a rare issue that firmware may assert during firmware update with IOs and task managements on JBOD drives.
- Fix an issue that foreign drive is shown in HotspareType@Redfish.AllowableValues
- Fix an issue that SATA LFF drives list the "DriveFormFactor" as "2_5" under the Storage tab and in Redfish
- Fix an issue that Server health shows Warning when a degraded volume is present
- Fix a rare issue that GET operation on Redfish Drive URI occasionally return 404 Not Found
- Fix an issue that rebuild does not start on an SED drive when inserted in the missing slot of a R1 drive
- Fix an issue that NVME drive undergoing sanitize is not detected after server reboot
- Fix a rare issue that Redfish Chassis properties are not properly displayed for UBM10 backplane
- Fix an issue that PCIConfiglink page events may come continuously in snapdump log
- Fix a rare issue that firmware may assert when user starts crypto erase and removed the drive
- Fix an issue that the sanitize percentage does not progress when monitoring drive's sanitize state
- Fix a rare issue that PLDM Fault 0x5: Command abort failed observed when doing backplane firmware update
- Fix a rare firmware crash that may occur during concurrent Virtual Machine clone operations and JBOD creation
- Fix an issue that firmware may assert if drive goes through shield recovery and is subsequently removed
- Fix a rare issue that firmware may assert while running IO's and Task Management

Enhancements

- Add additional escape sequences for special characters when encoding BEJString to comply with the DMTF specification. iLO 7 1.20, iLO6 1.74 and iLO5 3.18 are required to support this change.

- DMTF PLDM Redfish Device Enablement enhancements
 - Add support for Redfish Conditions (GET)
 - Each resource contains a conditions table that lists the appropriate MessageId and MessageSeverity. Redfish messages impact the Redfish resource Status object. Any outstanding message will appear in the Redfish Status[Conditions] array. The highest Status[Conditions][Severity] sets the overall Status[Health] of the resource. When the Status[Conditions] array is empty the Status[Health] shall be OK.
 - Port Conditions do not display any condition other than OK
 - In scenarios where ControllerPreviousError condition happens, the same is listed under StorageController.Status. Usually after iLO acknowledges ControllerPreviousError event, FW clears the condition from the StorageController.Status.Conditions[] list.
 - Redfish Metrics GET Support for DriveMetrics, EnvironmentMetrics and VolumeMetrics
 - DriveMetrics: BadBlockCount, ReadIOPKiBytes, WriteIOPKiBytes, PowerOnHours, NVMeSMART (MVMmeSMART attributes are supported for NVMe drive only)
 - EnvironmentMetrics for Drive Resource: TemperatureCelsius.Reading
 - VolumeMetrics: ConsistencyCheckCount, ConsistencyCheckErrorCount, RebuildErrorCount
 - Each counter can hold a value up to 65535. Once the counter reaches the maximum value the value is not reset.
 - Metrics are cleared when user performs Controller NVRAM clear or Redfish ResetToDefaults.ResetAll.
- Add support for Redfish Parallel Resource PDR. The feature reduce iLO resource required to support controller related Metrics.
- Add support for UBM11 backplane
- Enhanced the UBM backplane firmware update process to eliminate the risk of firmware corruption when transferred data becomes corrupted
- Refine the message on HII prereview configuration for the foreign import
- Removed the Sanitize Secure Erase option from MRSA for SED drives, as SEDs support only Cryptographic Erase
- Return error when enabling encryption with 256 characters in the "EncryptionKeyIdentifier" property through Redfish

Firmware Package - HPE MR416i-p Gen10 Plus Tri Mode Controller

Version: 52.36.3-6584 (Recommended)

Important Note!

- This firmware version to be used on HPE MR416i-p Gen10 Plus Controller.

- The minimum iLO versions required to support 52.36.3-6584 are iLO 7 1.20, iLO 6 1.74, and iLO 5 3.18.

Prerequisites

iLO5 version should be at least 2.98 is required for chassis&Fabric support.

Fixes

- Fix an issue that Backup Exec doesn't work with LTO drives in Linux systems
- Fix a rare issue that controller VM fails to bootup after a host reboot on Linux hypervisor
- Fix an issue that poor performance is observed during small-range writes
- Fix an issue that storcli show /cx/ex/sx poh (power on hour) command report error on NVMe drives
- Fix a rare issue that PL fault 0x4318 is observed during the IPMI power-cycle test
- Fix a rare issue that cache restore failure observed after firmware update followed by a server UMCE (unrecoverable machine check error)
- Fix an issue that firmware may assert when NVME drives take long time for Task Management
- Fix a rare issue that PL fault 0x6054 observed during patrol read in progress
- Fix a rare issue that firmware may assert during firmware update with IOs and task managements on JBOD drives.
- Fix an issue that foreign drive is shown in HotspareType@Redfish.AllowableValues
- Fix an issue that SATA LFF drives list the "DriveFormFactor" as "2_5" under the Storage tab and in Redfish
- Fix an issue that Server health shows Warning when a degraded volume is present
- Fix a rare issue that GET operation on Redfish Drive URI occasionally return 404 Not Found
- Fix an issue that rebuild does not start on an SED drive when inserted in the missing slot of a R1 drive
- Fix an issue that NVME drive undergoing sanitize is not detected after server reboot
- Fix a rare issue that Redfish Chassis properties are not properly displayed for UBM10 backplane
- Fix an issue that PCIConfiglink page events may come continuously in snapdump log
- Fix a rare issue that firmware may assert when user starts crypto erase and removed the drive
- Fix an issue that the sanitize percentage does not progress when monitoring drive's sanitize state
- Fix a rare issue that PLDM Fault 0x5: Command abort failed observed when doing backplane firmware update
- Fix a rare firmware crash that may occur during concurrent Virtual Machine clone operations and JBOD creation
- Fix an issue that firmware may assert if drive goes through shield recovery and is subsequently removed
- Fix a rare issue that firmware may assert while running IO's and Task Management

Enhancements

- Add additional escape sequences for special characters when encoding BEJString to comply with the DMTF specification. iLO 7 1.20, iLO6 1.74 and iLO5 3.18 are required to support this change.
- DMTF PLDM Redfish Device Enablement enhancements
 - Add support for Redfish Conditions (GET)
 - Each resource contains a conditions table that lists the appropriate MessageId and MessageSeverity. Redfish messages impact the Redfish resource Status object. Any outstanding message will appear in the Redfish Status[Conditions] array. The highest Status[Conditions][Severity] sets the overall Status[Health] of the resource. When the Status[Conditions] array is empty the Status[Health] shall be OK.
 - Port Conditions do not display any condition other than OK
 - In scenarios where ControllerPreviousError condition happens, the same is listed under StorageController.Status. Usually after iLO acknowledges ControllerPreviousError event, FW clears the condition from the StorageController.Status.Conditions[] list.
 - Redfish Metrics GET Support for DriveMetrics, EnvironmentMetrics and VolumeMetrics
 - DriveMetrics: BadBlockCount, ReadIOPiBytes, WriteIOPiBytes, PowerOnHours, NVMeSMART (MVMmeSMART attributes are supported for NVMe drive only)
 - EnvironmentMetrics for Drive Resource: TemperatureCelsius.Reading
 - VolumeMetrics: ConsistencyCheckCount, ConsistencyCheckErrorCount, RebuildErrorCount
 - Each counter can hold a value up to 65535. Once the counter reaches the maximum value the value is not reset.
 - Metrics are cleared when user performs Controller NVRAM clear or Redfish ResetToDefaults.ResetAll.
- Add support for Redfish Parallel Resource PDR. The feature reduce iLO resource required to support controller related Metrics.
- Add support for UBM11 backplane
- Enhanced the UBM backplane firmware update process to eliminate the risk of firmware corruption when transferred data becomes corrupted
- Refine the message on HII prereview configuration for the foreign import
- Removed the Sanitize Secure Erase option from MRSA for SED drives, as SEDs support only Cryptographic Erase
- Return error when enabling encryption with 256 characters in the "EncryptionKeyIdentifier" property through Redfish

Firmware Package - HPE SR932i-p Gen10 Plus /SR416i-a Gen10 Plus/SR932i-p Gen11/SR416ie-m Gen11 Controllers

Version: 03.01.44.040 (Recommended)

Important Note!

- HPE Service Pack for ProLiant (SPP) provides a fully qualified recipe for specific firmware and drivers released within the same cycle, making it the primary recommended choice.
- It is strongly recommended to use controller firmware version 8.00 for SR SAS/SATA controllers and firmware version 03.01.44.040 for SR tri-mode controllers, along with Windows 2022/2025 driver version 1016.30.0.1014, Linux driver version 2.1.38-022, and VMware ESXi driver version 80.4880.0.109/90.4880.0.109, as this combination has been fully qualified.
- For Windows 2016 driver, please use 1010.84.0.1012 in below link:
<https://www.hpe.com/global/swpublishing/MTX-c523e081ab344bc4b4bc9d5686>
- For Windows 2019 driver, please use 1016.10.0.1004 in below link:
<https://www.hpe.com/global/swpublishing/MTX-29e86213c3ab4e94b0b54906f7>

Fixes

- Fixed an issue that prevented drive rebuilds from restarting after unexpected power loss when media exchange was accepted in auto-replace spare configurations.
- Fixed an issue that caused auto-replace spare activation during the LOOSE_CABLE state, which could swap data drives prematurely and lead to volume failure and potential data integrity issues.
- Fixed an issue where suspending the controller password could fail due to an incorrect status update.
- Fixed an issue where missing spares were not correctly identified for NVMe logical drives, which could prevent automatic rebuild
- Fixed an issue that could cause inconsistent data behavior immediately after driver initialization under specific I/O conditions.
- Fixed an issue where valid NVMe pass-through commands could fail due to incorrect transfer size validation.
- Fixed an issue where IOPS could drop on large-capacity HDDs during Consistency Check under 4K random write workloads in RAID 1 configurations.
- Fixed an issue no-battery write cache (NBWC) can be enabled by the user in the event of a battery failure, unless the cache module itself is experiencing an error.
- Fixed an issue where ATA passthrough IDENTIFY DEVICE (0xEC) commands issued from BMC could time out due to incorrect transfer length handling.
- Fixed an issue where SSD array creation with non-deterministic drive ordering could incorrectly disable Accelerated IO on some drives, leading to performance degradation.
- Fixed an issue where the fault LED did not illuminate for a hot-removed data drive during RAID rebuild with auto replace spare enabled.
- Fixed an issue where controller settings stored in NVRAM could revert to factory defaults after a host power cycle.
- Fixed an issue where NVMe I/O command responses could fail to be returned to the host when using high PCIe address ranges.

- Fixed an issue where failed or missing drives were not correctly indicated when listing drives in the HII disk utilities menu.
- Fixed an issue where PLDM Type 6 volume creation could fail on certain controllers that do not support volume caching or the IOPerfModeEnabled feature. Volume creation and update requests that explicitly disable these features (for example, setting cache policies to Off or IOPerfModeEnabled to false) are now handled correctly and will no longer be rejected.
- Fixed an issue where RDE READ could incorrectly report a split mirror backup volume as Enabled instead of StandbyOffline when the original primary volume was created via RDE CREATE. Volume usage identification was corrected to ensure accurate status reporting.
- Fixed an issue where DriveMetrics.PowerOnHours could be incorrectly reported as zero for SSDs on certain platforms. Power-on hours reporting was updated by drive type, NVMe drives reporting with DriveMetrics.NVMeSMART.PowerOnHours, SAS and SATA HDDs reporting a null value.

Enhancements

- Improved SATA drive identification by using the drive-reported WWN from IDENTIFY DEVICE after the PQI driver is loaded.
- Updated NVMe drive startup handling to allow up to 60 seconds for drives to become ready after shutdown or power events.
- Updated the open source mbedTLS library to version 3.6.4.
- Added support for Write Buffer 16 to enable larger NVMe firmware downloads.
- HII disk utilities menu: Added NVMe drive Maximum Data Transfer Size (MDTS) visibility and updated default stripe size help text to consider MDTS limits, improving guidance for selecting compatible stripe settings.
- Logical drive information menu: Enhanced to display the association between failed data drives and active spares upon drive failure.
- "Added support for the standardized Operation property in PLDM Operations arrays, providing schema-defined operation enums as below:
 - Drive Resource — Rebuild/Sanitize/Encrypt
 - Volume Resource — Initialize/Rebuild/Encrypt/ChangeRAIDLayout/ChangeStripSize/Resize.
 The legacy OperationName property remains available and is now marked as deprecated."
- Added support for StorageController status conditions ResetRecommended and ResetRequired. When configuration changes require a system reboot to take effect, the controller reports the status through both Status.Conditions and Redfish event messages.
- Enhanced RDE error messaging to provide clearer error descriptions for Volume DELETE and SED-enabled CREATE operations, returning detailed messages directly in the response payload instead of generic ExtendedInfo references.

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 (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

- ESXi 9.1 support

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 (E) (Recommended)

Important Note!

- Do NOT downgrade FW to previous version if your current expander is 5.10; please upgrade to 5.15 immediately.

Fixes

- Fix windows tool cert expire issue.

Enhancements

- Added Azure Local 24H2 OS support.

Supplemental Update / Online ROM Flash Component for Linux (x64) – HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers

Version: 5.15 (F) (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 new OS support for SUSE Linux Enterprise Server 16.

Online Intel Optane SSD Flash Component for Linux - SSDPEL1K375GA Drive

Version: E2010603 (A) (Recommended)

Important Note!

Once the firmware is upgraded to E2010603 using this Smart Component it cannot be downgraded or rewritten.

Fixes

Added SUSE Linux 15 for COM support

Enhancements

Added SUSE Linux 15 for COM support

Online NVMe SSD Flash Component for Microsoft Windows - KXG50PNV2T04 Drives

Version: AFGA4103 (B) (Recommended)

Enhancements

Initial release

Online NVMe SSD Flash Component for Microsoft Windows - KXG50ZNV256G, KXG50ZNV512G and KXG50ZNV1T Drives

Version: AAGA4103 (B) (Recommended)

Enhancements

Initial release

Online NVMe SSD Flash Component for Microsoft Windows - MZ1LB3T8HMLA-00007 Drive

Version: EDB7602Q (B) (Recommended)

Enhancements

Initial release

Online NVMe SSD Flash Component for Microsoft Windows - MZ1LB960HAJQ-00007, MZ1LB1T9HALS-00007 and MZ1LB3T8HMLA-00007 Drives

Version: EDA7602Q (B) (Recommended)

Enhancements

Initial release

HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)

Version: 2026.04.01 (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	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1600E 32Gb Single Port Fibre	32Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0

Channel Host Bus Adapter					
HPE SN1610E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.10	14.4.731.10	14.4.716.0	14.4.718.0
HPE SN1610E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.10	14.4.731.10	14.4.716.0	14.4.718.0

Added Following Enhancements:

[Redfish]:HPE specific SFP Data - Predicted days for non working stage

[Redfish]: API to read SFP Data

Fixed the following:

SPDM - Get Certificate response returns out of bound values

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)

Fixes

Fixed the following:

SPDM - Get Certificate response returns out of bound values

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	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1610E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.10	14.4.731.10	14.4.716.0	14.4.718.0
HPE SN1610E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.10	14.4.731.10	14.4.716.0	14.4.718.0

Channel Host Bus Adapter					

Added Following Enhancements:

[Redfish]:HPE specific SFP Data - Predicted days for non working stage

[Redfish]: API to read SFP Data

Supported Devices and Features

This component is supported on following Emulex Fibre Channel Host Bus adapters:

16Gb FC Adapter:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter

32Gb FC 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 SN1610E 32Gb Single port Fibre Channel Host Bus Adapter

HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2025 x64

Version: 2026.04.01 (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	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1610E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.10	14.4.731.10	14.4.716.0	14.4.718.0
HPE SN1610E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.10	14.4.731.10	14.4.716.0	14.4.718.0

Added Following Enhancements:

[RedFish]:HPE specific SFP Data - Predicted days for non working stage

[Redfish]: API to read SFP Data

Fixed the following:

SPDM - Get Certificate response returns out of bound values

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

Fixes

Fixed the following:

SPDM - Get Certificate response returns out of bound values

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	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1610E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.10	14.4.731.10	14.4.716.0	14.4.718.0
HPE SN1610E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.10	14.4.731.10	14.4.716.0	14.4.718.0

Added Following Enhancements:

[RedFish]:HPE specific SFP Data - Predicted days for non working stage

[Redfish]: API to read SFP Data

Supported Devices and Features

This component is supported on following Emulex Fibre Channel Host Bus adapters:

16Gb FC Adapter:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter

32Gb FC 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 SN1610E 32Gb Single port Fibre Channel Host Bus Adapter

HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 8.0

Version: 2026.04.01 (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	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1610E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.10	14.4.731.10	14.4.716.0	14.4.718.0
HPE SN1610E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.10	14.4.731.10	14.4.716.0	14.4.718.0

Added Following Enhancements:

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Prerequisites

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<http://www.hpe.com/storage/spock/>

Fixes

Fixed the following:

SPDM - Get Certificate response returns out of bound values

Enhancements

This Firmware package contains following firmware versions:

Adapter	Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE SN1200E 16Gb Dual Port Fibre	16Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0

Channel Host Bus Adapter					
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1610E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.10	14.4.731.10	14.4.716.0	14.4.718.0
HPE SN1610E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.10	14.4.731.10	14.4.716.0	14.4.718.0

Added Following Enhancements:

[Redfish]:HPE specific SFP Data - Predicted days for non working stage

[Redfish]: API to read SFP Data

Supported Devices and Features

This component is supported on following Emulex Fibre Channel Host Bus adapters:

16Gb FC Adapter:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter

32Gb FC 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 SN1610E 32Gb Single port Fibre Channel Host Bus Adapter

HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 9.0

Version: 2026.04.01 (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	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1600E 32Gb Dual Port Fibre	32Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0

Channel Host Bus Adapter					
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1610E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.10	14.4.731.10	14.4.716.0	14.4.718.0
HPE SN1610E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.10	14.4.731.10	14.4.716.0	14.4.718.0

Added Following Enhancements:

[Redfish]:HPE specific SFP Data - Predicted days for non working stage

[Redfish]: API to read SFP Data

Fixed the following:

SPDM - Get Certificate response returns out of bound values

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

Fixes

Fixed the following:

SPDM - Get Certificate response returns out of bound values

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	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.5	14.4.731.5	14.4.716.0	14.4.718.0
HPE SN1610E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.10	14.4.731.10	14.4.716.0	14.4.718.0
HPE SN1610E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.4.731.10	14.4.731.10	14.4.716.0	14.4.718.0

Added Following Enhancements:

[Redfish]:HPE specific SFP Data - Predicted days for non working stage

[Redfish]: API to read SFP Data

Supported Devices and Features

This component is supported on following Emulex Fibre Channel Host Bus adapters:

16Gb FC Adapter:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter

32Gb FC 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 SN1610E 32Gb Single port Fibre Channel Host Bus Adapter

HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)

Version: 2026.06.01 (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	02.05.01	9.15.05	7.28	3.68
HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.11.13	09.15.19	7.39	NA
HPE SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.11.13	09.15.19	7.39	NA

Fixed the following:

- SN1610Q and SN1700Q Adapter disappears from integrated Lights Out (ILO) listing when its Small Form Factor Pluggable (SFP) transceiver is reinserted.
- Vendor and Part Number Values are empty for Adapter port with 32G Amphenol Small Form Factor Pluggable (SFP) transceiver during Redfish SFP Read
- SN1610Q adapter with FW 02.11.09 configured on RedHat Enterprise Linux; rhel messages file is filled with the following kernel messages like: "qla2xxx [0000:61:00.0]-706d:4: Unable to read SFP data (2/a0/0)"
- HPE Firmware Flash for QLogic 32Gb and 64Gb Fibre Channel Host components doesn't complete the

firmware flash.

- HPE MBX CMD timeout and ISP Abort/Reset after SFP reinsertion.

Prerequisites

Action prior to the installation/upgrade of qlafwupdate on RHEL 10.x

qlafwupdate utility depends on libcrypt.so.1 library. This library is not installed by default on RHEL 10.x.

Please install libxcrypt-compat RPM to install libcrypt.so.1 library before using qlafwupdate utility.

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 read-write(rw) permissions are not enable on /tmp or /var/tmp directories.

Fixes

Fixed the following:

- SN1610Q and SN1700Q Adapter disappears from integrated Lights Out (ILO) listing when its Small Form Factor Pluggable (SFP) transceiver is reinserted.
- Vendor and Part Number Values are empty for Adapter port with 32G Amphenol Small Form Factor Pluggable (SFP) transceiver during Redfish SFP Read
- SN1610Q adapter with FW 02.11.09 configured on RedHat Enterprise Linux; rhel messages file is filled with the following kernel messages like: "qla2xxx [0000:61:00.0]-706d:4: Unable to read SFP data (2/a0/0)"
- HPE Firmware Flash for QLogic 32Gb and 64Gb Fibre Channel Host components doesn't complete the firmware flash.
- HPE MBX CMD timeout and ISP Abort/Reset after SFP reinsertion.

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	02.05.01	9.15.05	7.28	3.68
HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus	32Gb	02.05.01	9.15.05	7.28	3.68

Adapter					
HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.11.13	09.15.19	7.39	NA
HPE SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.11.13	09.15.19	7.39	NA

Supported Devices and Features

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

16Gb Fibre Channel Host Bus Adapter:

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

32Gb 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 SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter

HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2022 (x86_64)

Version: 2026.06.01 (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	02.05.01	9.15.05	7.28	3.68
HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.11.13	09.15.19	7.39	0.0
HPE SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.11.13	09.15.19	7.39	0.0

Fixed the following:

- SN1610Q and SN1700Q Adapter disappears from integrated Lights Out (ILO) listing when its Small Form Factor Pluggable (SFP) transceiver is reinserted.

- Vendor and Part Number Values are empty for Adapter port with 32G Amphenol Small Form Factor Pluggable (SFP) transceiver during Redfish SFP Read
- SN1610Q adapter with FW 02.11.09 configured on RedHat Enterprise Linux; rhel messages file is filled with the following kernel messages like: “qla2xxx [0000:61:00.0]-706d:4: Unable to read SFP data (2/a0/0)”
- HPE Firmware Flash for QLogic 32Gb and 64Gb Fibre Channel Host components doesn't complete the firmware flash.
- HPE MBX CMD timeout and ISP Abort/Reset after SFP reinsertion.

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

Fixes

Fixed the following:

- SN1610Q and SN1700Q Adapter disappears from integrated Lights Out (ILO) listing when its Small Form Factor Pluggable (SFP) transceiver is reinserted.
- Vendor and Part Number Values are empty for Adapter port with 32G Amphenol Small Form Factor Pluggable (SFP) transceiver during Redfish SFP Read
- SN1610Q adapter with FW 02.11.09 configured on RedHat Enterprise Linux; rhel messages file is filled with the following kernel messages like: “qla2xxx [0000:61:00.0]-706d:4: Unable to read SFP data (2/a0/0)”
- HPE Firmware Flash for QLogic 32Gb and 64Gb Fibre Channel Host components doesn't complete the firmware flash.
- HPE MBX CMD timeout and ISP Abort/Reset after SFP reinsertion.

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	02.05.01	9.15.05	7.28	3.68
HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.11.13	09.15.19	7.39	NA
HPE SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.11.13	09.15.19	7.39	NA

Supported Devices and Features

This component is supported on following QLogic Fibre Channel Host Bus adapters:

16Gb Fibre Channel Host Bus Adapter:

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

32Gb 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 SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter

HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 8.0

Version: 2026.06.01 (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	02.05.01	9.15.05	7.28	3.68
HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.11.13	09.15.19	7.39	NA
HPE SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.11.13	09.15.19	7.39	NA

Fixed the following:

- SN1610Q and SN1700Q Adapter disappears from integrated Lights Out (ILO) listing when its Small Form Factor Pluggable (SFP) transceiver is reinserted.
- Vendor and Part Number Values are empty for Adapter port with 32G Amphenol Small Form Factor Pluggable (SFP) transceiver during Redfish SFP Read
- SN1610Q adapter with FW 02.11.09 configured on RedHat Enterprise Linux; rhel messages file is filled with the following kernel messages like: "qla2xxx [0000:61:00.0]-706d:4: Unable to read SFP data (2/a0/0)"
- HPE Firmware Flash for QLogic 32Gb and 64Gb Fibre Channel Host components doesn't complete the

firmware flash.

- HPE MBX CMD timeout and ISP Abort/Reset after SFP reinsertion.

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

Fixes

Fixed the following:

- SN1610Q and SN1700Q Adapter disappears from integrated Lights Out (ILO) listing when its Small Form Factor Pluggable (SFP) transceiver is reinserted.
- Vendor and Part Number Values are empty for Adapter port with 32G Amphenol Small Form Factor Pluggable (SFP) transceiver during Redfish SFP Read
- SN1610Q adapter with FW 02.11.09 configured on RedHat Enterprise Linux; rhel messages file is filled with the following kernel messages like: “qla2xxx [0000:61:00.0]-706d:4: Unable to read SFP data (2/a0/0)”
- HPE Firmware Flash for QLogic 32Gb and 64Gb Fibre Channel Host components doesn't complete the firmware flash.
- HPE MBX CMD timeout and ISP Abort/Reset after SFP reinsertion.

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	02.05.01	9.15.05	7.28	3.68
HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.11.13	09.15.19	7.39	NA
HPE SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.11.13	09.15.19	7.39	NA

Supported Devices and Features

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

16Gb Fibre Channel Host Bus Adapter:

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

32Gb 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 SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter

HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 9.0 and vSphere 9.1

Version: 2026.06.01 (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	02.05.01	9.15.05	7.28	3.68
HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.11.13	09.15.19	7.39	NA
HPE SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.11.13	09.15.19	7.39	NA

Fixed the following:

- SN1610Q and SN1700Q Adapter disappears from integrated Lights Out (ILO) listing when its Small Form Factor Pluggable (SFP) transceiver is reinserted.
- Vendor and Part Number Values are empty for Adapter port with 32G Amphenol Small Form Factor Pluggable (SFP) transceiver during Redfish SFP Read
- SN1610Q adapter with FW 02.11.09 configured on RedHat Enterprise Linux; rhel messages file is filled with the following kernel messages like: "qla2xxx [0000:61:00.0]-706d:4: Unable to read SFP data (2/a0/0)"
- HPE Firmware Flash for QLogic 32Gb and 64Gb Fibre Channel Host components doesn't complete the firmware flash.
- HPE MBX CMD timeout and ISP Abort/Reset after SFP reinsertion.

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

Fixes

Fixed the following:

- SN1610Q and SN1700Q Adapter disappears from integrated Lights Out (ILO) listing when its Small Form Factor Pluggable (SFP) transceiver is reinserted.
- Vendor and Part Number Values are empty for Adapter port with 32G Amphenol Small Form Factor Pluggable (SFP) transceiver during Redfish SFP Read
- SN1610Q adapter with FW 02.11.09 configured on RedHat Enterprise Linux; rhel messages file is filled with the following kernel messages like: "qla2xxx [0000:61:00.0]-706d:4: Unable to read SFP data (2/a0/0)"
- HPE Firmware Flash for QLogic 32Gb and 64Gb Fibre Channel Host components doesn't complete the firmware flash.
- HPE MBX CMD timeout and ISP Abort/Reset after SFP reinsertion.

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	02.05.01	9.15.05	7.28	3.68
HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.05.01	9.15.05	7.28	3.68
HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.11.13	09.15.19	7.39	NA
HPE SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.11.13	09.15.19	7.39	NA

Supported Devices and Features

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

16Gb Fibre Channel Host Bus Adapter:

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

32Gb 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 SN1610Q 32Gb Single 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: 1.06 (B) (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

Update proudction name

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 (D) (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: 04.01.05.201 (Recommended)

Fixes

Resolved various issues to improve system stability and performance.

Enhancements

Resolved various issues to improve system stability and performance.

Online Flash for Linux - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable

4300/5300/6300/8300 series Processors

Version: 04.04.04.925 (Recommended)

Fixes

Resolved various issues to improve system stability and performance.

Enhancements

Resolved various issues to improve system stability and performance.

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: 04.01.05.201 (B) (Recommended)

Fixes

Resolved various issues to improve system stability and performance.

Enhancements

Resolved various issues to improve system stability and performance.

Online Flash for Windows x64 - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors

Version: 04.04.04.925 (Recommended)

Fixes

Resolved various issues to improve system stability and performance.

Enhancements

Resolved various issues to improve system stability and performance.

Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems

Version: 05.01.05.103 (B) (Recommended)

Fixes

Resolved various issues to improve system stability and performance.

Enhancements

Resolved various issues to improve system stability and performance.

Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems

Version: 06.00.03.708 (C) (Recommended)

Prerequisites

The "iLO 5 Channel Interface Driver" (CHIF) for Windows which is available from Service Pack for ProLiant (SPP).

Fixes

Resolved various issues to improve system stability and performance.

Enhancements

Resolved various issues to improve system stability and performance.

Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems

Version: 06.00.03.708 (C) (Recommended)

Fixes

Resolved various issues to improve system stability and performance.

Enhancements

Resolved various issues to improve system stability and performance.

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 (E) (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: 05.01.05.103 (Recommended)

Fixes

Resolved various issues to improve system stability and performance.

Enhancements

Resolved various issues to improve system stability and performance.

Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems

Version: 06.00.03.708 (C) (Recommended)

Fixes

Resolved various issues to improve system stability and performance.

Enhancements

Resolved various issues to improve system stability and performance.

Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems

Version: 06.00.03.708 (C) (Recommended)

Fixes

Resolved various issues to improve system stability and performance.

Enhancements

Resolved various issues to improve system stability and performance.

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: 04.01.05.201 (Recommended)

Fixes

Resolved various issues to improve system stability and performance.

Enhancements

Resolved various issues to improve system stability and performance.

ROM Flash Firmware Package - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors

Version: 04.04.04.925 (Recommended)

Fixes

Resolved various issues to improve system stability and performance.

Enhancements

Resolved various issues to improve system stability and performance.

ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems

Version: 05.01.05.103 (Recommended)

Fixes

Resolved various issues to improve system stability and performance.

Enhancements

Resolved various issues to improve system stability and performance.

ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems

Version: 06.00.03.708 (B) (Recommended)

Fixes

Resolved various issues to improve system stability and performance.

Enhancements

Resolved various issues to improve system stability and performance.

ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems

Version: 06.00.03.708 (B) (Recommended)

Fixes

Resolved various issues to improve system stability and performance.

Enhancements

Resolved various issues to improve system stability and performance.

HPE Lights-Out Online Configuration Utility for Linux (AMD64/EM64T)

Version: 6.1.0.0 (A) (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

None

Enhancements

Added support for Red Hat Enterprise Linux 10

HPE Lights-Out Online Configuration Utility for Windows x64 Editions

Version: 6.0.0.0 (B) (Recommended)

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 4 firmware v1.00 or later
- 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

Bundled the latest Smart Component Tool version to ensure Seamless Signing with appropriate Digital Certificate.

Enhancements

None

HPE iLO Driver Bundle Smart Component for ESXi 8.0 and ESXi 9.0

Version: 2026.03.00 (Recommended)

Enhancements

Added support for vSphere 9.1 OS

Smart Storage Administrator (SSA) CLI Smart Component for ESXi 8.0 for Gen10/Gen10 Plus/Gen11

Controllers

Version: 2026.03.01 (Recommended)

Important Note!

- Actual ESXi8.0 ssaccli version is 6.60.8.0

Enhancements

- Modified the SSACLI component version format to meet the new requirement from VMware ESXi for 9.1
- Added spare type decoding in Array Diagnostic Utility (ADU) reports to indicate whether a logical drive uses dedicated or auto-replace spares
- Modified the default strip size for NVMe drives based on the Maximum Data Transfer Size (MDTS), and tools will set the default strip size to the minimum supported MDTS value when creating or migrating a logical drive

Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.0 for Gen10/Gen10 Plus/Gen11

Controllers

Version: 2026.03.01 (Recommended)

Important Note!

- Actual ESXi9.0 ssaccli version is 6.60.11.0
- Due to VMware upgrade constraints, the SSA CLI package version (6.60.11) differs from the internal version (6.60.9). This is expected behavior.

Enhancements

- Modified the SSACLI component version format to meet the new requirement from VMware ESXi for 9.1
- Added spare type decoding in Array Diagnostic Utility (ADU) reports to indicate whether a logical drive uses dedicated or auto-replace spares
- Modified the default strip size for NVMe drives based on the Maximum Data Transfer Size (MDTS), and tools will set the default strip size to the minimum supported MDTS value when creating or migrating a logical drive

Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.1 for Gen10/Gen10 Plus/Gen11

Controllers

Version: 2026.03.01 (Recommended)

Important Note!

- Actual ESXi9.0 ssaccli version is 6.60.11.0
- Due to VMware upgrade constraints, the SSA CLI package version (6.60.11) differs from the internal version (6.60.9). This is expected behavior.

Enhancements

Initial version

HPE MegaRAID Storage Administrator StorCLI for VMware8.0 (For Gen10P and Gen11 Controllers)

Version: 2026.03.01 (Recommended)

Important Note!

- Actual ESXi Version is 007.3604.0000.0000

Fixes

- Fix an issue that storcli show /cx/ex/sx poh (power on hour) command report error on NVMe drives
- Fix an issue that PSOC update is not allowing when the part number is beyond 65535

Enhancements

- Return error when enabling encryption with 256 characters for keyid in Drive Security command
- Display the controller serial number as "NA" when not programmed

HPE MegaRAID Storage Administrator StorCLI for VMware9.0 (For Gen10P and Gen11 Controllers)

Version: 2026.03.01 (Recommended)

Important Note!

- Actual ESXi Version is 0007.3604.0000.0000

Fixes

- Fix an issue that storcli show /cx/ex/sx poh (power on hour) command report error on NVMe drives
- Fix an issue that PSOC update is not allowing when the part number is beyond 65535

Enhancements

- Return error when enabling encryption with 256 characters for keyid in Drive Security command
- Display the controller serial number as "NA" when not programmed

HPE MegaRAID Storage Administrator StorCLI for VMware9.1 (For Gen10P and Gen11 Controllers)

Version: 2026.03.01 (Recommended)

Important Note!

- Actual ESXi Version is 0007.3604.0000.0000

Fixes

- Fix an issue that storcli show /cx/ex/sx poh (power on hour) command report error on NVMe drives
- Fix an issue that PSOC update is not allowing when the part number is beyond 65535

Enhancements

- Return error when enabling encryption with 256 characters for keyid in Drive Security command
- Display the controller serial number as "NA" when not programmed

HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions

Version: 1.2.1.69 (D) (Recommended)

Fixes

- Fix windows tool cert expire issue.

Enhancements

- Added Azure Local 24H2 OS support.

HPE QLogic Fibre Channel driver component for VMware vSphere 8.0

Version: 2026.04.01 (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 vibspot.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 5.4.86.0-1

This driver is only supported on VMware ESXi 8.0u3

Supported Devices and Features

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

16Gb Fibre Channel Host Bus Adapter:

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

32Gb 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 SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter

HPE QLogic Fibre Channel driver component for VMware vSphere 9.0

Version: 2026.04.01 (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 5.5.86.0

This driver is only supported on VMware ESXi 9.0

Supported Devices and Features

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

16Gb Fibre Channel Host Bus Adapter:

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

32Gb 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 SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter

HPE QLogic Fibre Channel driver component for VMware vSphere 9.1

Version: 2026.04.01 (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 9.1

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

Enhancements

Driver version 91.5.5.86.0

This driver is only supported on VMware ESXi 9.1

Supported Devices and Features

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

16Gb Fibre Channel Host Bus Adapter:

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

32Gb 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 SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter

Agentless Management Service (iLO 5, iLO 6 and iLO 7) for Red Hat Enterprise Linux 9 Server

Version: 4.7.0 (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 for Microsoft Windows x64

Version: 2.80.0.0 (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: 2026.03.01 (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 RHEL9 ,SLES15 and SLES16 (HPE MRSA for MR Controllers)

Version: 8.16.13.0 (Recommended)

Fixes

- Fix a00155532en_us Advisory: HPE MR Storage Administrator (MRSA) - The MRSA Application Fails To Launch In SUSE Linux Enterprise Server (SLES) 16 After A Server Reboot
- Fix an issue that MRSA return " Error Code 5002 Invalid URI Parameter" when selecting Continuously in Schedule Consistency Check setting

Enhancements

- Support MR200, MR400 and MR900 controllers
- Enhance the MRSA Bypass Authentication mechanism so that the configuration is allowed only when logged in as an administrator or root
- Removed the Sanitize Secure Erase option from MRSA for SED drives, as SEDs support only Cryptographic Erase
- Return error when enabling encryption with 256 characters for Security Key Identifier in

HPE MegaRAID Storage Administrator for Windows 64-bit (HPE MRSA for MR Controllers)

Version: 8.16.13.0 (Recommended)

Fixes

- Fix an issue that MRSA return " Error Code 5002 Invalid URI Parameter" when selecting Continuously in Schedule Consistency Check setting

Enhancements

- Support MR200, MR400 and MR900 controllers
- Enhance the MRSA Bypass Authentication mechanism so that the configuration is allowed only when logged in as an administrator or root
- Removed the Sanitize Secure Erase option from MRSA for SED drives, as SEDs support only Cryptographic Erase
- Return error when enabling encryption with 256 characters for Security Key Identifier in Drive Security setting

HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit (for Gen10P and Gen11 Controllers)

Version: 007.3604.0000.0000 (Recommended)

Fixes

- Fix an issue that storcli show /cx/ex/sx poh (power on hour) command report error on NVMe drives
- Fix an issue that PSOC update is not allowing when the part number is beyond 65535

Enhancements

- Return error when enabling encryption with 256 characters for keyid in Drive Security command
- Display the controller serial number as "NA" when not programmed

HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit (for Gen10P and Gen11 Controllers)

Version: 7.3604.0.0 (Recommended)

Fixes

- Fix an issue that storcli show /cx/ex/sx poh (power on hour) command report error on NVMe drives
- Fix an issue that PSOC update is not allowing when the part number is beyond 65535

Enhancements

- Return error when enabling encryption with 256 characters for keyid in Drive Security command
- Display the controller serial number as "NA" when not programmed

NVMe Drive Eject NMI Fix for Intel Xeon Processor Scalable Family for Microsoft Windows 64-bit

Version: 1.1.0.0 (J) (Optional)

Enhancements

- Updated setup utility dependencies

Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers

Version: 6.60.8.0 (Recommended)

Enhancements

- Modified the SSACLI component version format to meet the new requirement from VMware ESXi for 9.1
- Added spare type decoding in Array Diagnostic Utility (ADU) reports to indicate whether a logical drive uses dedicated or auto-replace spares
- Modified the default strip size for NVMe drives based on the Maximum Data Transfer Size (MDTS), and tools will set the default strip size to the minimum supported MDTS value when creating or migrating a logical drive

Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers

Version: 6.60.8.0 (Recommended)

Enhancements

- Modified the SSACLI component version format to meet the new requirement from VMware ESXi for 9.1
- Added spare type decoding in Array Diagnostic Utility (ADU) reports to indicate whether a logical drive uses dedicated or auto-replace spares
- Modified the default strip size for NVMe drives based on the Maximum Data Transfer Size (MDTS), and tools will set the default strip size to the minimum supported MDTS value when creating or migrating a logical drive

Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers

Version: 6.60.8.0 (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.

Enhancements

- Added spare type decoding in Array Diagnostic Utility (ADU) reports to indicate whether a logical drive uses dedicated or auto-replace spares
- Modified the default strip size for NVMe drives based on the Maximum Data Transfer Size (MDTS), and tools will set the default strip size to the minimum supported MDTS value when creating or migrating a logical drive

Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers

Version: 6.60.8.0 (Recommended)

Enhancements

- Added spare type decoding in Array Diagnostic Utility (ADU) reports to indicate whether a logical drive uses dedicated or auto-replace spares
- Modified the default strip size for NVMe drives based on the Maximum Data Transfer Size (MDTS), and tools will set the default strip size to the minimum supported MDTS value when creating or migrating a logical drive

Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers

Version: 6.60.8.0 (Recommended)

Enhancements

- Modified the SSACLI component version format to meet the new requirement from VMware ESXi for 9.1
- Added spare type decoding in Array Diagnostic Utility (ADU) reports to indicate whether a logical drive uses dedicated or auto-replace spares
- Modified the default strip size for NVMe drives based on the Maximum Data Transfer Size (MDTS), and tools will set the default strip size to the minimum supported MDTS value when creating or migrating a logical drive

Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers

Version: 6.60.8.0 (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).

Enhancements

- Modified the SSACLI component version format to meet the new requirement from VMware ESXi for 9.1

- Added spare type decoding in Array Diagnostic Utility (ADU) reports to indicate whether a logical drive uses dedicated or auto-replace spares
- Modified the default strip size for NVMe drives based on the Maximum Data Transfer Size (MDTS), and tools will set the default strip size to the minimum supported MDTS value when creating or migrating a logical drive