

HA8000V シリーズ

Service Pack for HA8000V (SPH)

Version 6.10 13

Readme

2020年7月

1. はじめに

このたびは、日立アドバンスサーバ 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

Microsoft および Windows Server は、米国 Microsoft Corporation 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。

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 VMware, Inc. の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。こちらも含めてご参照ください。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
2020年4月	初版
2020年7月	適用OS追加(Red Hat® Enterprise Linux® Server 8.1)、5.12 追記、6.2 一覧更新、誤記訂正

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

3.1 適用機種

- HA8000V/DL20 Gen10
- HA8000V/DL360 Gen10
- HA8000V/DL380 Gen10
- HA8000V/DL580 Gen10
- HA8000V/ML30 Gen10
- HA8000V/ML350 Gen10

3.2 適用 OS

- Microsoft® Windows Server® 2019
- Microsoft® Windows Server® 2016
- Microsoft® Windows Server® 2012 R2
- Red Hat® Enterprise Linux® Server 7.7
- Red Hat® Enterprise Linux® Server 7.6
- Red Hat® Enterprise Linux® Server 8.1
- VMware ESXi™ 6.7
- VMware ESXi™ 6.5

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 8.1

(2) 追加サポートデバイス

なし

4.2 更新内容

『6.3 パッケージの変更内容』を参照ください。

5. 注意事項

本章では、SPH をご使用になる上で、注意頂く内容を記載しています。

5.1 ドライバ・ユーティリティなどの適用について

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

各アップデートプログラムの適用についてはお客様責任にて実施していただきますが、システム装置を安定してご使用いただくためにも、ホームページの[サポート]-[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、初回の SPH 適用では、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：

“setattributes”で firmware=false を設定してください。

例) # ./smartupdate setattributes --nodes localhost firmware=false

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：

“Inventory”までの手順を実行後“getneededupdates”を実行し、“Component”セクションが表示されないことを確認してください。

(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。

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 インター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SPH package 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。展開したディレクトリから、下表記載のランゲージパックファイルを取り出してください。

SPH package ファイル名	ランゲージパックファイル名
cp042242.exe	lang_ja_210.lpk

- (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ー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ドライバーのインストールによりASR

が自動的に有効になります。ASR が不要な場合や Alive Monitor、IPMI WDT 等の他の OS 死活監視を使う場合は ASR を無効化してください。

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

ASR の有効/無効の確認並びに切り替えは ASR ドライバー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。下記を参照して PowerShell スクリプトを入手してください。

(1) ASR ドライバー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、下表記載の各 OS に対応した Filename 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.	Description	Version	Filename
1	iLO 5 Automatic Server Recovery Driver for Windows Server 2012 R2	4.7.0.0	cp041378.exe
2	iLO 5 Automatic Server Recovery Driver for Windows Server 2016 and Server 2019	4.7.0.0	cp041379.exe

(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 より下記のオプションで 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 より下記のオプションで 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 ドライバアップデート時の注意事項

ネットワークアダプタドライバをアップデートした場合、ドライバアップデート後、設定値が初期化される場合があります。ドライバアップデート前に設定値を控え、アップデート後に再設定してください。

5.8 VMware をご使用にあたっての注意事項

5.8.1 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、『5.8.2 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、下記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]-[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。

5.8.2 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(sut-esxi*.*-bundle-*.*.*-*.zip)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™ 6.5	cp038229.zip	sut-esxi6.5-offline-bundle-2.5.0.0-73.zip
2	VMware ESXi™ 6.7	cp038233.zip	sut-esxi6.7-offline-bundle-2.5.0.0-75.zip

- (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) 下記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) 下記コマンドを実行し、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、下記コマンドを実行してください。

```
sut -set mode=autodeployreboot
```

```
sut -set mode=ondemand
```

5.8.3 Management Bundle, Utilities Bundle 収録モジュールのバージョンについて

Management Bundle, Utilities Bundle には、複数の VIB モジュールが含まれています。各コンポーネントに含まれる VIB のバージョンは次の通りです。

【HPE Management Bundle Smart Component に含まれる VIB モジュール及びバージョン】

OS バージョン		VMware6.5	VMware6.7	
ファイル名		cp040137.zip	cp040138.zip	
VIB モ ジ ュ ー ル	amsd	Agentless Management Service	650.11.5.0-16.4240417	670.11.5.0-16.7535516
	fc-enablement	Fiber Channel Enablement Package	650.3.5.0.14-4240417	670.3.50.16-7535516
	smx-provider	WBEM Providers	650.03.16.00.4-4240417	670.03.16.00.3-7535516

【HPE Utilities Bundle Smart Component に含まれる VIB モジュール及びバージョン】

OS バージョン		VMware6.5	VMware6.7	
ファイル名		cp042946.zip	cp042947.zip	
VIB モ ジ ュ ー ル	conrep	Conrep Utility	6.0.0.03-04.00.19.2494585	6.7.0.03-04.00.34.7535516
	testevent	Test Event Utility	6.5.0.02-01.00.9.4240417	6.7.0.02-01.00.12.7535516
	ssacli	Smart Storage Administrator CLI	4.17.6.0-6.7.0.7535516	4.17.6.0-6.7.0.7535516
	Bootcfg	Boot Configuration Utility	6.0.0.02-06.00.16.2494585	6.7.0.02-06.00.14.7535516
	Hponcfg	Lights-Out Configuration Utility	6.0.0.5.5-0.37.2494585	6.7.0.5.5-0.18.7535516

5.8.4 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
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、VM ホスト上で以下を実行します。

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

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。

5.8.5 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	アップデート前 (VMKLinux)	アップデート後 (ネイティブ)
TQ-N□□-817745-B21	Ethernet 10Gb 2 ポート 562FLR-T ネットワークアダプター	net-ixgbe	ixgben
TQ-N□□-817738-B21	Ethernet 10Gb 2 ポート 562T ネットワークアダプター		
TQ-N□□-665240-B21	Ethernet 1Gb 4 ポート 366FLR ネットワークアダプター	igb	igbn
TQ-N□□-652497-B21	Ethernet 1Gb 2 ポート 361T ネットワークアダプター		
TQ-N□□-811546-B21	Ethernet 1Gb 4 ポート 366T ネットワークアダプター		
TQ-N□□-727054-B21	Ethernet 10Gb 2 ポート 562FLR-SFP+	i40e	i40en

TQ-N□□-727055-B21	ネットワークアダプター Ethernet 10Gb 2 ポート 562SFP+ ネットワークアダプター		
-------------------	---	--	--

(*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、下記の表示となる場合、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

ドライバのアップデート前に、以下コマンドを実行し、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。

5.8.6 QLogic 製ファイバーチャネルホストバスアダプター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ー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、アダプター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ー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ーのドライバをアップデート後アダプター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。

5.9 SUM オフライン展開モードご使用時の注意事項

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。

5.10 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	ファームウェアバージョン
TQ-N□□-817745-B21	Ethernet 10Gb 2 ポート 562FLR-T ネットワークアダプター	10.51.3
TQ-N□□-817738-B21	Ethernet 10Gb 2 ポート 562T ネットワークアダプター	
TQ-N□□-727054-B21	Ethernet 10Gb 2 ポート 562FLR-SFP+	10.51.5
TQ-N□□-727055-B21	Ethernet 10Gb 2 ポート 562SFP+ ネットワークアダプター	
HA8000V / ML350 Gen10 オンボード NIC	Ethernet 1Gb 4-port 369i ネットワークアダプター	1.2529.0

(*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 Windows 環境における QLogic 製ファイバーチャネルホストバスアダプターのドライバとファームウェアについて

QLogic 製ファイバーチャネルホストバスアダプターを Windows 上でご使用になる場合、SPH に収録されているドライバとファームウェアの組合せで、リンクダウンが発生した場合にパス冗長化ソフトウェアによるパス交替が出来ない等の問題が発生する可能性があります。

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」を参照してください。

Windows をご使用になる場合は、下表のドライバとファームウェアを「[日立アドバンストサーバ HA8000V シリーズ](#)」の「ドライバ・ファームウェア・ユーティリティ」のページからダウンロードしてご使用願います。

形名(*1)	製品名	ドライババージョン	ファームウェアバージョン
TQ-C□□-P9D93A	SN1100Q 16Gb Single Port ファイバーチャネル ホスト バス アダプター	9.2.9.22	01.72.03
TQ-C□□-P9D94A	SN1100Q 16Gb Dual Port ファイバーチャネル ホスト バス アダプター		
TQ-C□□-P9M75A	SN1600Q 32Gb 1port ファイバーチャネル ホスト バス アダプター	9.2.9.22	01.72.03
TQ-C□□-P9M76A	SN1600Q 32Gb 2port ファイバーチャネル ホスト バス アダプター		

(*1)：□には製品構成などにより異なった英数字が入ります。

5.12 RHEL 8.1 環境における QLogic 製ファイバーチャネルホストバスアダプターのドライバについて

QLogic 製ファイバーチャネルホストバスアダプターを RHEL8.1 上でご使用になる場合、RHEL8.1 用のドライバは SPH に収録されていないため、「[日立アドバンストサーバ HA8000V シリーズ](#)」の「ドライバ・ファームウェア・ユーティリティ」のページから RHEL8.1 用のドライバをダウンロードしてご使用願います。

形名(*1)	製品名
TQ-C□□-P9D93A	SN1100Q 16Gb Single Port ファイバーチャネル ホスト バス アダプター
TQ-C□□-P9D94A	SN1100Q 16Gb Dual Port ファイバーチャネル ホスト バス アダプター
TQ-C□□-P9M75A	SN1600Q 32Gb 1port ファイバーチャネル ホスト バス アダプター
TQ-C□□-P9M76A	SN1600Q 32Gb 2port ファイバーチャネル ホスト バス アダプター

(*1)：□には製品構成などにより異なった英数字が入ります。

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】

- オンボード LAN(Ethernet 1Gb 4-port 331i Adapter)
- HP Ethernet 1Gb 4-port 331FLR Adapter
- HP Ethernet 1Gb 4-port 331T Adapter
- HP Ethernet 1Gb 2-port 332T Adapter

(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
```

なお、SUM の詳細な操作方法は、<https://www.hitachi.co.jp/ha8000v/>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。

Category 一覧

- [Application - System Management](#)
- [BIOS - System ROM](#)
- [Driver - Chipset](#)
- [Driver - Network](#)
- [Driver - Storage](#)
- [Driver - Storage Controller](#)
- [Driver - Storage Fibre Channel and Fibre Channel over Ethernet](#)
- [Driver - System](#)
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- [Firmware - Lights-Out Management](#)
- [Firmware - Network](#)
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- [Software - Management](#)
- [Software - Storage Controller](#)
- [Software - Storage Fibre Channel](#)
- [Software - Storage Fibre Channel HBA](#)
- [Software - System Management](#)
- [Utility - Tools](#)

6.2.1 Application - System Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
1	Integrated Smart Update Tools 2.5.0 for ESXi 6.5	cp038229.zip	-	2019.12.01	6.5.0.2.5.0.0-83	
2	Integrated Smart Update Tools 2.5.0 for ESXi 6.7	cp038233.zip	-	2019.12.01	6.7.0.2.5.0.0-83	
3	Integrated Smart Update Tools for Linux x64	sut-2.5.0-71.linux.x86_64.rpm	-	2.5.0.0	2.5.0-71.linux	
4	Integrated Smart Update Tools for Windows x64	cp038225.exe	-	2.5.0.0	2.5.0.0	

6.2.2 BIOS - System ROM

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
5	Online ROM Flash Component for Linux - OEM System ROM U34	firmware-system-oem-u34-2.32_2020_03_09-1.x86_64.rpm	System BIOS - U34	2.32_03-09-2020	v2.32 (03/09/2020)	更新
6	Online ROM Flash Component for Linux - System ROM U30	firmware-system-oem-u30-2.32_2020_03_09-1.x86_64.rpm	System BIOS - U30	2.32_03-09-2020	v2.32 (03/09/2020)	更新
7	Online ROM Flash Component for Linux - System ROM U32	firmware-system-oem-u32-2.32_2020_03_09-1.x86_64.rpm	System BIOS - U32	2.32_03-09-2020	v2.32 (03/09/2020)	更新
8	Online ROM Flash Component for Linux - System ROM U41	firmware-system-oem-u41-2.32_2020_03_09-1.x86_64.rpm	System BIOS - U41	2.32_03-09-2020	v2.32 (03/09/2020)	更新
9	Online ROM Flash Component for Linux - System ROM U43	firmware-system-oem-u43-2.14_2020_03_09-1.x86_64.rpm	System BIOS - U43	2.14_03-09-2020	v2.14 (03/09/2020)	更新
10	Online ROM Flash Component for Linux - System ROM U44	firmware-system-oem-u44-2.14_2020_03_09-1.x86_64.rpm	System BIOS - U44	2.14_03-09-2020	v2.14 (03/09/2020)	更新
11	Online ROM Flash Component for Windows x64 - OEM System ROM U34	cp043417.exe	System BIOS - U34	2.32_03-09-2020	v2.32 (03/09/2020)	更新
12	Online ROM Flash Component for Windows x64 - System ROM U30	cp043427.exe	System BIOS - U30	2.32_03-09-2020	v2.32 (03/09/2020)	更新
13	Online ROM Flash Component for Windows x64 - System ROM U32	cp043460.exe	System BIOS - U32	2.32_03-09-2020	v2.32 (03/09/2020)	更新
14	Online ROM Flash Component for Windows x64 - System ROM U41	cp043485.exe	System BIOS - U41	2.32_03-09-2020	v2.32 (03/09/2020)	更新
15	Online ROM Flash Component for Windows x64 - System ROM U43	cp043271.exe	System BIOS - U43	2.14_03-09-2020	v2.14 (03/09/2020)	更新
16	Online ROM Flash Component for Windows x64 - System ROM U44	cp043274.exe	System BIOS - U44	2.14_03-09-2020	v2.14 (03/09/2020)	更新
17	ROM Flash Firmware Package - System ROM U30	OEM.U30_2.32_03_09_2020.fwpkg	System BIOS - U30	2.32_03-09-2020	v2.32 (03/09/2020)	更新
18	ROM Flash Firmware Package - System ROM U32	OEM.U32_2.32_03_09_2020.fwpkg	System BIOS - U32	2.32_03-09-2020	v2.32 (03/09/2020)	更新
19	ROM Flash Firmware Package - System ROM U34	OEM.U34_2.32_03_09_2020.fwpkg	System BIOS - U34	2.32_03-09-2020	v2.32 (03/09/2020)	更新
20	ROM Flash Firmware Package - System ROM U41	OEM.U41_2.32_03_09_2020.fwpkg	System BIOS - U41	2.32_03-09-2020	v2.32 (03/09/2020)	更新
21	ROM Flash Firmware Package - System ROM U43	OEM.U43_2.14_03_09_2020.fwpkg	System BIOS - U43	2.14_03-09-2020	v2.14 (03/09/2020)	更新
22	ROM Flash Firmware Package - System ROM U44	OEM.U44_2.14_03_09_2020.fwpkg	System BIOS - U44	2.14_03-09-2020	v2.14 (03/09/2020)	更新

6.2.3 Driver – Chipset

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
23	Identifiers for Intel Xeon E-2xxx Processor for Windows	cp039323.exe	-	10.1.18015.8142	10.1.18015.8142	
24	Identifiers for Intel Xeon Scalable Processors (First and Second Generation) for Windows	cp040561.exe	-	10.1.18015.8142	10.1.18015.8142	

6.2.4 Driver – Network

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
25	HPE Broadcom NetXtreme-E Driver for Windows Server 2012 R2	cp041785.exe	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	214.0.247.1	214.0.247.1	更新
26	HPE Broadcom NetXtreme-E Driver for Windows Server 2012 R2	cp041785.exe	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	214.0.247.1	214.0.247.1	更新
27	HPE Broadcom NetXtreme-E Driver for Windows Server 2016	cp041786.exe	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	214.0.247.1	214.0.247.1	更新
28	HPE Broadcom NetXtreme-E Driver for Windows Server 2016	cp041786.exe	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	214.0.247.1	214.0.247.1	更新
29	HPE Broadcom NetXtreme-E Driver for Windows Server 2019	cp041787.exe	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	214.0.247.1	214.0.247.1	更新
30	HPE Broadcom NetXtreme-E Driver for Windows Server 2019	cp041787.exe	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	214.0.247.1	214.0.247.1	更新
31	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.0-214.0.259.0.rhel7u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	1.10.0-214.0.259.0	1.10.0-214.0.259.0.rhel7u6	更新
32	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.0-214.0.259.0.rhel7u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	1.10.0-214.0.259.0	1.10.0-214.0.259.0.rhel7u6	更新
33	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.0-214.0.259.0.rhel7u7.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	1.10.0-214.0.259.0	1.10.0-214.0.259.0.rhel7u7	更新
34	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.0-214.0.259.0.rhel7u7.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	1.10.0-214.0.259.0	1.10.0-214.0.259.0.rhel7u7	更新
35	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.5	cp041829.zip	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	2020.03.09	214.0.230.0-1 OEM.650.0.0.4598673	更新
36	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.5	cp041829.zip	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	2020.03.09	214.0.230.0-1 OEM.650.0.0.4598673	更新

37	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.7	cp041830.zip	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	2020.03.09	214.0.230.0-1 OEM.670.0.0.8169922	更新
38	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.7	cp041830.zip	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	2020.03.09	214.0.230.0-1 OEM.670.0.0.8169922	更新
39	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 6	libbnxt_re-214.0.190.1-rhel7u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	214.0.190.1	214.0.190.1	更新
40	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 6	libbnxt_re-214.0.190.1-rhel7u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	214.0.190.1	214.0.190.1	更新
41	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 7	libbnxt_re-214.0.190.1-rhel7u7.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	214.0.190.1	214.0.190.1	新規追加
42	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 7	libbnxt_re-214.0.190.1-rhel7u7.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	214.0.190.1	214.0.190.1	新規追加
43	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp042633.exe	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	214.0.0.2	214.0.0.2	更新
44	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp042633.exe	HP Ethernet 1Gb 2-port 332T Adapter	214.0.0.2	214.0.0.2	更新
45	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp042633.exe	HP Ethernet 1Gb 4-port 331FLR Adapter	214.0.0.2	214.0.0.2	更新
46	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp042633.exe	HP Ethernet 1Gb 4-port 331T Adapter	214.0.0.2	214.0.0.2	更新
47	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp042633.exe	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	214.0.0.2	214.0.0.2	更新
48	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.138a-1.rhel7u6.x86_64.rpm	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	3.138a-1	3.138a-1.rhel7u6	更新
49	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.138a-1.rhel7u6.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	3.138a-1	3.138a-1.rhel7u6	更新
50	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.138a-1.rhel7u6.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	3.138a-1	3.138a-1.rhel7u6	更新
51	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.138a-1.rhel7u6.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	3.138a-1	3.138a-1.rhel7u6	更新
52	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.138a-1.rhel7u6.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	3.138a-1	3.138a-1.rhel7u6	更新
53	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.138a-1.rhel7u7.x86_64.rpm	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	3.138a-1	3.138a-1.rhel7u7	更新
54	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.138a-1.rhel7u7.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	3.138a-1	3.138a-1.rhel7u7	更新
55	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.138a-1.rhel7u7.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	3.138a-1	3.138a-1.rhel7u7	更新
56	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.138a-1.rhel7u7.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	3.138a-1	3.138a-1.rhel7u7	更新

57	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.138a-1.rhel7u7.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	3.138a-1	3.138a-1.rhel7u7	更新
58	HPE Intel E1R Driver for Windows Server 2012 R2	cp040854.exe	HP Ethernet 1Gb 2-port 361T Adapter	12.14.8.1	12.14.8.1	
59	HPE Intel E1R Driver for Windows Server 2012 R2	cp040854.exe	HP Ethernet 1Gb 4-port 366FLR Adapter	12.14.8.1	12.14.8.1	
60	HPE Intel E1R Driver for Windows Server 2012 R2	cp040854.exe	HP Ethernet 1Gb 4-port 366T Adapter	12.14.8.1	12.14.8.1	
61	HPE Intel E1R Driver for Windows Server 2016	cp040879.exe	HP Ethernet 1Gb 2-port 361T Adapter	12.15.184.7	12.15.184.7	
62	HPE Intel E1R Driver for Windows Server 2016	cp040879.exe	HP Ethernet 1Gb 4-port 366FLR Adapter	12.15.184.7	12.15.184.7	
63	HPE Intel E1R Driver for Windows Server 2016	cp040879.exe	HP Ethernet 1Gb 4-port 366T Adapter	12.15.184.7	12.15.184.7	
64	HPE Intel E1R Driver for Windows Server 2019	cp040874.exe	HP Ethernet 1Gb 2-port 361T Adapter	12.18.9.1	12.18.9.1	
65	HPE Intel E1R Driver for Windows Server 2019	cp040874.exe	HP Ethernet 1Gb 4-port 366FLR Adapter	12.18.9.1	12.18.9.1	
66	HPE Intel E1R Driver for Windows Server 2019	cp040874.exe	HP Ethernet 1Gb 4-port 366T Adapter	12.18.9.1	12.18.9.1	
67	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.10.19.81-1.rhel7u6.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	2.10.19.81-1	2.10.19.81-1.rhel7u6	更新
68	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.10.19.81-1.rhel7u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2.10.19.81-1	2.10.19.81-1.rhel7u6	更新
69	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.10.19.81-1.rhel7u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2.10.19.81-1	2.10.19.81-1.rhel7u6	更新
70	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.10.19.81-1.rhel7u7.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	2.10.19.81-1	2.10.19.81-1.rhel7u7	更新
71	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.10.19.81-1.rhel7u7.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2.10.19.81-1	2.10.19.81-1.rhel7u7	更新
72	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.10.19.81-1.rhel7u7.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2.10.19.81-1	2.10.19.81-1.rhel7u7	更新
73	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.10.19.81-1.rhel8u1.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	2.10.19.81-1	2.10.19.81-1.rhel8u1	新規追加
74	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.10.19.81-1.rhel8u1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2.10.19.81-1	2.10.19.81-1.rhel8u1	新規追加
75	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.10.19.81-1.rhel8u1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2.10.19.81-1	2.10.19.81-1.rhel8u1	新規追加
76	HPE Intel i40ea Driver for Windows Server 2012 R2	cp040855.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.11.101.0	1.11.101.0	

77	HPE Intel i40ea Driver for Windows Server 2012 R2	cp040855.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.11.101.0	1.11.101.0	
78	HPE Intel i40ea Driver for Windows Server 2016	cp040856.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.11.101.0	1.11.101.0	
79	HPE Intel i40ea Driver for Windows Server 2016	cp040856.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.11.101.0	1.11.101.0	
80	HPE Intel i40ea Driver for Windows Server 2019	cp040857.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.11.101.0	1.11.101.0	
81	HPE Intel i40ea Driver for Windows Server 2019	cp040857.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.11.101.0	1.11.101.0	
82	HPE Intel i40eb Driver for Windows Server 2012 R2	cp040858.exe	HPE Ethernet 1Gb 4-port 369i Adapter	1.11.101.0	1.11.101.0	
83	HPE Intel i40eb Driver for Windows Server 2016	cp040859.exe	HPE Ethernet 1Gb 4-port 369i Adapter	1.11.101.0	1.11.101.0	
84	HPE Intel i40eb Driver for Windows Server 2019	cp040860.exe	HPE Ethernet 1Gb 4-port 369i Adapter	1.11.101.0	1.11.101.0	
85	HPE Intel i40en Driver for VMware vSphere 6.5	cp040369.zip	HPE Ethernet 1Gb 4-port 369i Adapter	2019.12.20	1.9.5-1OEM.6 50.0.0.459867 3	
86	HPE Intel i40en Driver for VMware vSphere 6.5	cp040369.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2019.12.20	1.9.5-1OEM.6 50.0.0.459867 3	
87	HPE Intel i40en Driver for VMware vSphere 6.5	cp040369.zip	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2019.12.20	1.9.5-1OEM.6 50.0.0.459867 3	
88	HPE Intel i40en Driver for VMware vSphere 6.7	cp040370.zip	HPE Ethernet 1Gb 4-port 369i Adapter	2019.12.20	1.9.5-1OEM.6 70.0.0.816992 2	
89	HPE Intel i40en Driver for VMware vSphere 6.7	cp040370.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2019.12.20	1.9.5-1OEM.6 70.0.0.816992 2	
90	HPE Intel i40en Driver for VMware vSphere 6.7	cp040370.zip	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2019.12.20	1.9.5-1OEM.6 70.0.0.816992 2	
91	HPE Intel iavf Driver for Windows Server 2012 R2	cp040867.exe	-	1.7.119.0	1.7.119.0	更新
92	HPE Intel iavf Driver for Windows Server 2016	cp040868.exe	-	1.7.119.0	1.7.119.0	更新
93	HPE Intel iavf Driver for Windows Server 2019	cp040869.exe	-	1.7.119.0	1.7.119.0	更新
94	HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-iavf-3.7.61.20-1.rhel7u6.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	3.7.61.20-1	3.7.61.20-1.rhel7u6	
95	HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-iavf-3.7.61.20-1.rhel7u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	3.7.61.20-1	3.7.61.20-1.rhel7u6	
96	HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-iavf-3.7.61.20-1.rhel7u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	3.7.61.20-1	3.7.61.20-1.rhel7u6	
97	HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-iavf-3.7.61.20-1.rhel7u7.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	3.7.61.20-1	3.7.61.20-1.rhel7u7	

98	HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-iavf-3.7.61.20-1.rhel7u7.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	3.7.61.20-1	3.7.61.20-1.rhel7u7	
99	HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-iavf-3.7.61.20-1.rhel7u7.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	3.7.61.20-1	3.7.61.20-1.rhel7u7	
100	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-3.7.61.20-1.rhel8u1.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	3.7.61.20-1 (B)	3.7.61.20-1.rhel8u1	新規追加
101	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-3.7.61.20-1.rhel8u1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	3.7.61.20-1 (B)	3.7.61.20-1.rhel8u1	新規追加
102	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-3.7.61.20-1.rhel8u1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	3.7.61.20-1 (B)	3.7.61.20-1.rhel8u1	新規追加
103	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-6.2.2-1.rhel7u6.x86_64.rpm	HP Ethernet 1Gb 2-port 361T Adapter	6.2.2-1	6.2.2-1.rhel7u6	更新
104	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-6.2.2-1.rhel7u6.x86_64.rpm	HP Ethernet 1Gb 4-port 366FLR Adapter	6.2.2-1	6.2.2-1.rhel7u6	更新
105	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-6.2.2-1.rhel7u6.x86_64.rpm	HP Ethernet 1Gb 4-port 366T Adapter	6.2.2-1	6.2.2-1.rhel7u6	更新
106	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-6.2.2-1.rhel7u7.x86_64.rpm	HP Ethernet 1Gb 2-port 361T Adapter	6.2.2-1	6.2.2-1.rhel7u7	更新
107	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-6.2.2-1.rhel7u7.x86_64.rpm	HP Ethernet 1Gb 4-port 366FLR Adapter	6.2.2-1	6.2.2-1.rhel7u7	更新
108	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-6.2.2-1.rhel7u7.x86_64.rpm	HP Ethernet 1Gb 4-port 366T Adapter	6.2.2-1	6.2.2-1.rhel7u7	更新
109	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.2.2-1.rhel8u1.x86_64.rpm	HP Ethernet 1Gb 2-port 361T Adapter	6.2.2-1	6.2.2-1.rhel8u1	新規追加
110	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.2.2-1.rhel8u1.x86_64.rpm	HP Ethernet 1Gb 4-port 366FLR Adapter	6.2.2-1	6.2.2-1.rhel8u1	新規追加
111	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.2.2-1.rhel8u1.x86_64.rpm	HP Ethernet 1Gb 4-port 366T Adapter	6.2.2-1	6.2.2-1.rhel8u1	新規追加
112	HPE Intel igbn Driver for VMware vSphere 6.5	cp040825.zip	HP Ethernet 1Gb 2-port 361T Adapter	2019.12.20	1.4.10-10EM.600.0.0.2768847	
113	HPE Intel igbn Driver for VMware vSphere 6.5	cp040825.zip	HP Ethernet 1Gb 4-port 366FLR Adapter	2019.12.20	1.4.10-10EM.600.0.0.2768847	
114	HPE Intel igbn Driver for VMware vSphere 6.5	cp040825.zip	HP Ethernet 1Gb 4-port 366T Adapter	2019.12.20	1.4.10-10EM.600.0.0.2768847	
115	HPE Intel igbn Driver for VMware vSphere 6.7	cp040829.zip	HP Ethernet 1Gb 2-port 361T Adapter	2019.12.20	1.4.10-10EM.670.0.0.8169922	
116	HPE Intel igbn Driver for VMware vSphere 6.7	cp040829.zip	HP Ethernet 1Gb 4-port 366FLR Adapter	2019.12.20	1.4.10-10EM.670.0.0.8169922	
117	HPE Intel igbn Driver for VMware vSphere 6.7	cp040829.zip	HP Ethernet 1Gb 4-port 366T Adapter	2019.12.20	1.4.10-10EM.670.0.0.8169922	
118	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbe-5.6.4-2.rhel7u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.6.4-2	5.6.4-2.rhel7u6	

119	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbe-5.6.4-2.rhel7u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	5.6.4-2	5.6.4-2.rhel7u6	
120	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbe-5.6.4-2.rhel7u7.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.6.4-2	5.6.4-2.rhel7u7	
121	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbe-5.6.4-2.rhel7u7.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	5.6.4-2	5.6.4-2.rhel7u7	
122	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbe-5.6.4-2.rhel8u1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.6.4-2 (B)	5.6.4-2.rhel8u1	新規追加
123	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbe-5.6.4-2.rhel8u1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	5.6.4-2 (B)	5.6.4-2.rhel8u1	新規追加
124	HPE Intel ixgben Driver for VMware vSphere 6.5	cp040371.zip	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	2019.12.20	1.7.20-1OEM.600.0.0.2768847	
125	HPE Intel ixgben Driver for VMware vSphere 6.5	cp040371.zip	HPE Ethernet 10Gb 2-port 562T Adapter	2019.12.20	1.7.20-1OEM.600.0.0.2768847	
126	HPE Intel ixgben Driver for VMware vSphere 6.7	cp040372.zip	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	2019.12.20	1.7.20-1OEM.670.0.0.8169922	
127	HPE Intel ixgben Driver for VMware vSphere 6.7	cp040372.zip	HPE Ethernet 10Gb 2-port 562T Adapter	2019.12.20	1.7.20-1OEM.670.0.0.8169922	
128	HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbev-4.6.2-2.rhel7u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.6.2-2	4.6.2-2.rhel7u6	
129	HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbev-4.6.2-2.rhel7u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	4.6.2-2	4.6.2-2.rhel7u6	
130	HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbev-4.6.2-2.rhel7u7.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.6.2-2	4.6.2-2.rhel7u7	
131	HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbev-4.6.2-2.rhel7u7.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	4.6.2-2	4.6.2-2.rhel7u7	
132	HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbev-4.6.2-2.rhel8u1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.6.2-2 (B)	4.6.2-2.rhel8u1	新規追加
133	HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbev-4.6.2-2.rhel8u1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	4.6.2-2 (B)	4.6.2-2.rhel8u1	新規追加
134	HPE Intel ixS Driver for Windows Server 2012 R2	cp040863.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	3.14.132.0 (B)	3.14.132.0 (B)	
135	HPE Intel ixS Driver for Windows Server 2012 R2	cp040863.exe	HPE Ethernet 10Gb 2-port 562T Adapter	3.14.132.0 (B)	3.14.132.0 (B)	
136	HPE Intel ixS Driver for Windows Server 2016	cp040864.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.1.131.0 (B)	4.1.131.0 (B)	
137	HPE Intel ixS Driver for Windows Server 2016	cp040864.exe	HPE Ethernet 10Gb 2-port 562T Adapter	4.1.131.0 (B)	4.1.131.0 (B)	
138	HPE Intel ixS Driver for Windows Server 2019	cp040865.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.1.143.0 (B)	4.1.143.0 (B)	
139	HPE Intel ixS Driver for Windows Server 2019	cp040865.exe	HPE Ethernet 10Gb 2-port 562T Adapter	4.1.143.0 (B)	4.1.143.0 (B)	
140	HPE Intel vxN Driver for Windows Server 2012 R2	cp040881.exe	-	1.0.16.1 (B)	1.0.16.1 (B)	更新

141	HPE Intel vxn Driver for Windows Server 2016	cp040880.exe	-	2.0.210.0 (D)	2.0.210.0 (D)	更新
142	HPE Intel vxn Driver for Windows Server 2019	cp040870.exe	-	2.1.138.0 (B)	2.1.138.0 (B)	更新
143	HPE Intel vxs Driver for Windows Server 2012 R2	cp040871.exe	-	1.2.131.0 (B)	1.2.131.0 (B)	更新
144	HPE Intel vxs Driver for Windows Server 2016	cp040872.exe	-	2.1.133.0 (B)	2.1.133.0 (B)	更新
145	HPE Intel vxs Driver for Windows Server 2019	cp040873.exe	-	2.1.138.0 (B)	2.1.138.0 (B)	更新
146	HPE Mellanox CX4LX and CX5 Driver for Windows Server 2012 R2	cp039897.exe	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2.30.21713.0	2.30.21713.0	
147	HPE Mellanox CX4LX and CX5 Driver for Windows Server 2012 R2	cp039897.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2.30.21713.0	2.30.21713.0	
148	HPE Mellanox CX4LX and CX5 Driver for Windows Server 2012 R2	cp039897.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2.30.21713.0	2.30.21713.0	
149	HPE Mellanox CX4LX and CX5 Driver for Windows Server 2016	cp039898.exe	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2.30.21713.0	2.30.21713.0	
150	HPE Mellanox CX4LX and CX5 Driver for Windows Server 2016	cp039898.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2.30.21713.0	2.30.21713.0	
151	HPE Mellanox CX4LX and CX5 Driver for Windows Server 2016	cp039898.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2.30.21713.0	2.30.21713.0	
152	HPE Mellanox CX4LX and CX5 Driver for Windows Server 2019	cp039899.exe	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2.30.21713.0	2.30.21713.0	
153	HPE Mellanox CX4LX and CX5 Driver for Windows Server 2019	cp039899.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2.30.21713.0	2.30.21713.0	
154	HPE Mellanox CX4LX and CX5 Driver for Windows Server 2019	cp039899.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2.30.21713.0	2.30.21713.0	
155	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-4.7-OFED.4.7.1.0.0.1.g1c4bf42.rhel7u6.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	4.7	4.7	
156	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-4.7-OFED.4.7.1.0.0.1.g1c4bf42.rhel7u6.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	4.7	4.7	
157	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-4.7-OFED.4.7.1.0.0.1.g1c4bf42.rhel7u6.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	4.7	4.7	

158	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 6 (x86_64)	mlnx-ofa_kernel-4.7-OFED.4.7.1.0.0.1.g1c4bf42.rhel7u6.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	4.7	4.7	
159	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 6 (x86_64)	mlnx-ofa_kernel-4.7-OFED.4.7.1.0.0.1.g1c4bf42.rhel7u6.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	4.7	4.7	
160	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 6 (x86_64)	mlnx-ofa_kernel-4.7-OFED.4.7.1.0.0.1.g1c4bf42.rhel7u6.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	4.7	4.7	
161	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 7 (x86_64)	kmod-mlnx-ofa_kernel-4.7-OFED.4.7.1.0.0.1.g1c4bf42.rhel7u7.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	4.7	4.7	
162	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 7 (x86_64)	kmod-mlnx-ofa_kernel-4.7-OFED.4.7.1.0.0.1.g1c4bf42.rhel7u7.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	4.7	4.7	
163	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 7 (x86_64)	kmod-mlnx-ofa_kernel-4.7-OFED.4.7.1.0.0.1.g1c4bf42.rhel7u7.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	4.7	4.7	
164	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 7 (x86_64)	mlnx-ofa_kernel-4.7-OFED.4.7.1.0.0.1.g1c4bf42.rhel7u7.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	4.7	4.7	
165	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 7 (x86_64)	mlnx-ofa_kernel-4.7-OFED.4.7.1.0.0.1.g1c4bf42.rhel7u7.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	4.7	4.7	
166	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 7 (x86_64)	mlnx-ofa_kernel-4.7-OFED.4.7.1.0.0.1.g1c4bf42.rhel7u7.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	4.7	4.7	
167	HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-qlgc-fastlinq-8.42.8.0-1.rhel7u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 521T Adapter	8.42.8.0-1	8.42.8.0-1.rhel7u6	
168	HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-qlgc-fastlinq-8.42.8.0-1.rhel7u7.x86_64.rpm	HPE Ethernet 10Gb 2-port 521T Adapter	8.42.8.0-1	8.42.8.0-1.rhel7u7	
169	HPE QLogic FastLinQ 10/25/50 GbE Drivers for Windows Server x64 Editions	cp039900.exe	HPE Ethernet 10Gb 2-port 521T Adapter	8.42.10.0	8.42.10.0	
170	HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 6.5	cp039895.zip	HPE Ethernet 10Gb 2-port 521T Adapter	2019.12.20	3.11.16.0-10E M.650.0.0.45 98673	
171	HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 6.7	cp039896.zip	HPE Ethernet 10Gb 2-port 521T Adapter	2019.12.20	3.11.16.0-10E M.670.0.0.81 69922	
172	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.5	cp040826.zip	HP Ethernet 10Gb 2-port 530SFP+ Adapter	2019.12.20	1.0.87.0-10E M.650.0.0.45 98673	
173	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.5	cp040826.zip	HP Ethernet 10Gb 2-port 530T Adapter	2019.12.20	1.0.87.0-10E M.650.0.0.45 98673	
174	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.5	cp040826.zip	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	2019.12.20	1.0.87.0-10E M.650.0.0.45 98673	
175	HPE QLogic NX2 10/20 GbE	cp040827.zip	HP Ethernet 10Gb	2019.12.20	1.0.87.0-10E	

	Multifunction Driver for VMware vSphere 6.7		2-port 530SFP+ Adapter		M.670.0.0.8169922	
176	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.7	cp040827.zip	HP Ethernet 10Gb 2-port 530T Adapter	2019.12.20	1.0.87.0-10E M.670.0.0.8169922	
177	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.7	cp040827.zip	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	2019.12.20	1.0.87.0-10E M.670.0.0.8169922	
178	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.14.63.1-1.rhel7u6.x86_64.rpm	HP Ethernet 10Gb 2-port 530SFP+ Adapter	7.14.63.1-1	7.14.63.1-1.rhel7u6	更新
179	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.14.63.1-1.rhel7u6.x86_64.rpm	HP Ethernet 10Gb 2-port 530T Adapter	7.14.63.1-1	7.14.63.1-1.rhel7u6	更新
180	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.14.63.1-1.rhel7u6.x86_64.rpm	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.14.63.1-1	7.14.63.1-1.rhel7u6	更新
181	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.14.63.1-1.rhel7u7.x86_64.rpm	HP Ethernet 10Gb 2-port 530SFP+ Adapter	7.14.63.1-1	7.14.63.1-1.rhel7u7	更新
182	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.14.63.1-1.rhel7u7.x86_64.rpm	HP Ethernet 10Gb 2-port 530T Adapter	7.14.63.1-1	7.14.63.1-1.rhel7u7	更新
183	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.14.63.1-1.rhel7u7.x86_64.rpm	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.14.63.1-1	7.14.63.1-1.rhel7u7	更新
184	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp040875.exe	HP Ethernet 10Gb 2-port 530SFP+ Adapter	7.13.171.0	7.13.171.0	
185	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp040875.exe	HP Ethernet 10Gb 2-port 530T Adapter	7.13.171.0	7.13.171.0	
186	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp040875.exe	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.13.171.0	7.13.171.0	
187	net-mst kernel module driver component for VMware ESXi 6.5 and 6.7	cp038662.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2019.01.02	4.12.0.105-10EM.650.0.0.4598673	
188	net-mst kernel module driver component for VMware ESXi 6.5 and 6.7	cp038662.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2019.01.02	4.12.0.105-10EM.650.0.0.4598673	
189	net-mst kernel module driver component for VMware ESXi 6.5 and 6.7	cp038662.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2019.01.02	4.12.0.105-10EM.650.0.0.4598673	
190	nmlx5_en driver component for VMware ESXi 6.5	cp040234.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2019.06.19	4.16.14.2-10EM.650.0.0.4598673	
191	nmlx5_en driver component for VMware ESXi 6.5	cp040234.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2019.06.19	4.16.14.2-10EM.650.0.0.4598673	
192	nmlx5_en driver component for VMware ESXi 6.5	cp040234.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2019.06.19	4.16.14.2-10EM.650.0.0.4598673	
193	nmlx5_en driver component for VMware ESXi 6.7	cp040235.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2019.06.19	4.17.15.16-10EM.670.0.0.8169922	
194	nmlx5_en driver component	cp040235.zip	HPE Ethernet	2019.06.19	4.17.15.16-10	

	for VMware ESXi 6.7		25Gb 2-port 640SFP28 Adapter		EM.670.0.0.8 169922	
195	nmlx5_en driver component for VMware ESXi 6.7	cp040235.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2019.06.19	4.17.15.16-10 EM.670.0.0.8 169922	
196	HPE Smart Array S100i SR Gen10 SW RAID Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019	cp043250.exe	-	106.12.6.0	106.12.6.0	更新

6.2.5 Driver – Storage

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
197	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.10-025.rhel7u6.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	1.2.10-025	1.2.10-025.rhel7u6	

6.2.6 Driver – Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
198	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.10-025.rhel7u6.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	1.2.10-025	1.2.10-025.rhel7u6	
199	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.10-025.rhel7u6.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	1.2.10-025	1.2.10-025.rhel7u6	
200	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.10-025.rhel7u6.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	1.2.10-025	1.2.10-025.rhel7u6	
201	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.10-025.rhel7u6.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	1.2.10-025	1.2.10-025.rhel7u6	
202	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.10-025.rhel7u6.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	1.2.10-025	1.2.10-025.rhel7u6	
203	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.10-025.rhel7u7.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	1.2.10-025	1.2.10-025.rhel7u7	
204	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.10-025.rhel7u7.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	1.2.10-025	1.2.10-025.rhel7u7	
205	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.10-025.rhel7u7.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	1.2.10-025	1.2.10-025.rhel7u7	
206	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.10-025.rhel7u7.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	1.2.10-025	1.2.10-025.rhel7u7	

207	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.10-025.rhel7u7.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	1.2.10-025	1.2.10-025.rhel7u7	
208	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.10-025.rhel7u7.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	1.2.10-025	1.2.10-025.rhel7u7	
209	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-1.2.10-027.rhel8u1.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	1.2.10-027	1.2.10-027.rhel8u1	新規追加
210	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-1.2.10-027.rhel8u1.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	1.2.10-027	1.2.10-027.rhel8u1	新規追加
211	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-1.2.10-027.rhel8u1.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	1.2.10-027	1.2.10-027.rhel8u1	新規追加
212	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-1.2.10-027.rhel8u1.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	1.2.10-027	1.2.10-027.rhel8u1	新規追加
213	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-1.2.10-027.rhel8u1.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	1.2.10-027	1.2.10-027.rhel8u1	新規追加
214	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-1.2.10-027.rhel8u1.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	1.2.10-027	1.2.10-027.rhel8u1	新規追加
215	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component).	cp040982.zip	HPE Smart Array P408i-a SR Gen10 Controller	2019.12.01	1.0.4.3008-10EM.650.0.0.4598673	
216	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component).	cp040982.zip	HPE Smart Array P408i-p SR Gen10 Controller	2019.12.01	1.0.4.3008-10EM.650.0.0.4598673	
217	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component).	cp040982.zip	HPE Smart Array P816i-a SR Gen10 Controller	2019.12.01	1.0.4.3008-10EM.650.0.0.4598673	
218	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component).	cp040982.zip	HPE Smart Array E208e-p SR Gen10 Controller	2019.12.01	1.0.4.3008-10EM.650.0.0.4598673	
219	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component).	cp040982.zip	HPE Smart Array E208i-a SR Gen10 Controller	2019.12.01	1.0.4.3008-10EM.650.0.0.4598673	
220	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component).	cp040982.zip	HPE Smart Array E208i-p SR Gen10 Controller	2019.12.01	1.0.4.3008-10EM.650.0.0.4598673	
221	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.7 (Driver Component).	cp040981.zip	HPE Smart Array P408i-a SR Gen10 Controller	2019.12.01	1.0.4.3008-10EM.670.0.0.8169922	
222	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.7 (Driver Component).	cp040981.zip	HPE Smart Array P408i-p SR Gen10 Controller	2019.12.01	1.0.4.3008-10EM.670.0.0.8169922	

223	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.7 (Driver Component).	cp040981.zip	HPE Smart Array P816i-a SR Gen10 Controller	2019.12.01	1.0.4.3008-10 EM.670.0.0.8 169922	
224	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.7 (Driver Component).	cp040981.zip	HPE Smart Array E208e-p SR Gen10 Controller	2019.12.01	1.0.4.3008-10 EM.670.0.0.8 169922	
225	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.7 (Driver Component).	cp040981.zip	HPE Smart Array E208i-a SR Gen10 Controller	2019.12.01	1.0.4.3008-10 EM.670.0.0.8 169922	
226	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.7 (Driver Component).	cp040981.zip	HPE Smart Array E208i-p SR Gen10 Controller	2019.12.01	1.0.4.3008-10 EM.670.0.0.8 169922	
227	HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019	cp041257.exe	HPE Smart Array P408i-a SR Gen10 Controller	106.166.0.1 022	106.166.0.102 2	
228	HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019	cp041257.exe	HPE Smart Array P408i-p SR Gen10 Controller	106.166.0.1 022	106.166.0.102 2	
229	HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019	cp041257.exe	HPE Smart Array P816i-a SR Gen10 Controller	106.166.0.1 022	106.166.0.102 2	
230	HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019	cp041257.exe	HPE Smart Array E208e-p SR Gen10 Controller	106.166.0.1 022	106.166.0.102 2	
231	HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019	cp041257.exe	HPE Smart Array E208i-a SR Gen10 Controller	106.166.0.1 022	106.166.0.102 2	
232	HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019	cp041257.exe	HPE Smart Array E208i-p SR Gen10 Controller	106.166.0.1 022	106.166.0.102 2	

6.2.7 Driver - Storage Fibre Channel and Fibre Channel over Ethernet

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
233	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2012R2 and Windows 2016	cp039579.exe	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.4.243.4	12.4.243.4	
234	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2012R2 and Windows 2016	cp039579.exe	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.4.243.4	12.4.243.4	
235	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2012R2 and Windows 2016	cp039579.exe	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.4.243.4	12.4.243.4	

236	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2012R2 and Windows 2016	cp039579.exe	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.4.243.4	12.4.243.4	
237	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2019	cp039578.exe	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.4.243.4	12.4.243.4	
238	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2019	cp039578.exe	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.4.243.4	12.4.243.4	
239	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2019	cp039578.exe	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.4.243.4	12.4.243.4	
240	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2019	cp039578.exe	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.4.243.4	12.4.243.4	
241	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2012 R2	cp039716.exe	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	9.3.3.20 (b)	x	
242	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2012 R2	cp039716.exe	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	9.3.3.20 (b)	x	
243	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2012 R2	cp039716.exe	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	9.3.3.20 (b)	x	
244	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2012 R2	cp039716.exe	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	9.3.3.20 (b)	x	
245	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2016	cp039717.exe	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	9.3.3.20 (b)	x	
246	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2016	cp039717.exe	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	9.3.3.20 (b)	x	
247	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2016	cp039717.exe	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	9.3.3.20 (b)	x	
248	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2016	cp039717.exe	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	9.3.3.20 (b)	x	

249	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2019	cp039718.exe	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	9.3.3.20 (b)	x	
250	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2019	cp039718.exe	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	9.3.3.20 (b)	x	
251	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2019	cp039718.exe	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	9.3.3.20 (b)	x	
252	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2019	cp039718.exe	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	9.3.3.20 (b)	x	
253	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.0.1.00.57.07.6_k1-1.rhel7u7.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	10.01.00.57.07.6-k1	10.01.00.57.07.6_k1-1.rhel7u7	更新
254	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.0.1.00.57.07.6_k1-1.rhel7u7.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	10.01.00.57.07.6-k1	10.01.00.57.07.6_k1-1.rhel7u7	更新
255	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.0.1.00.57.07.6_k1-1.rhel7u7.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	10.01.00.57.07.6-k1	10.01.00.57.07.6_k1-1.rhel7u7	更新
256	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.0.1.00.57.07.6_k1-1.rhel7u7.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	10.01.00.57.07.6-k1	10.01.00.57.07.6_k1-1.rhel7u7	更新
257	Red Hat Enterprise Linux 7 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.4.270.3-1.rhel7u7.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.4.270.3	12.4.270.3-1.rhel7u7	
258	Red Hat Enterprise Linux 7 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.4.270.3-1.rhel7u7.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.4.270.3	12.4.270.3-1.rhel7u7	
259	Red Hat Enterprise Linux 7 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.4.270.3-1.rhel7u7.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.4.270.3	12.4.270.3-1.rhel7u7	
260	Red Hat Enterprise Linux 7 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.4.270.3-1.rhel7u7.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.4.270.3	12.4.270.3-1.rhel7u7	
261	Red Hat Enterprise Linux 7 Update 6 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.4.270.3-1.rhel7u6.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.4.270.3	12.4.270.3-1.rhel7u6	

262	Red Hat Enterprise Linux 7 Update 6 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.4.270.3-1.rhel7u6.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.4.270.3	12.4.270.3-1.rhel7u6	
263	Red Hat Enterprise Linux 7 Update 6 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.4.270.3-1.rhel7u6.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.4.270.3	12.4.270.3-1.rhel7u6	
264	Red Hat Enterprise Linux 7 Update 6 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.4.270.3-1.rhel7u6.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.4.270.3	12.4.270.3-1.rhel7u6	
265	Red Hat Enterprise Linux 7 Update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.0.1.00.57.07.6_k1-1.rhel7u6.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	10.01.00.57.07.6-k1	10.01.00.57.07.6_k1-1.rhel7u6	更新
266	Red Hat Enterprise Linux 7 Update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.0.1.00.57.07.6_k1-1.rhel7u6.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	10.01.00.57.07.6-k1	10.01.00.57.07.6_k1-1.rhel7u6	更新
267	Red Hat Enterprise Linux 7 Update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.0.1.00.57.07.6_k1-1.rhel7u6.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	10.01.00.57.07.6-k1	10.01.00.57.07.6_k1-1.rhel7u6	更新
268	Red Hat Enterprise Linux 7 Update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.0.1.00.57.07.6_k1-1.rhel7u6.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	10.01.00.57.07.6-k1	10.01.00.57.07.6_k1-1.rhel7u6	更新

6.2.8 Driver - System

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
269	HPE Non-Volatile Memory Drivers for Microsoft Windows Server 2012 R2 and 2016	cp038534.exe	-	3.0.1.2	3.0.1.2	

6.2.9 Driver - System Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
270	iLO 5 Automatic Server Recovery Driver for Windows Server 2012 R2	cp041378.exe	-	4.7.0.0	4.7.0.0	更新
271	iLO 5 Automatic Server Recovery Driver for Windows Server 2016 and Server 2019	cp041379.exe	-	4.7.0.0	4.7.0.0	更新
272	iLO 5 Channel Interface Driver for Windows Server 2012 R2	cp040013.exe	-	4.6.0.0	4.6.0.0	
273	iLO 5 Channel Interface Driver for Windows Server 2016 and Server 2019	cp040014.exe	-	4.6.0.0	4.6.0.0	

6.2.10 Driver – Video

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
274	Matrox G200eH3 Video Controller Driver for Windows Server 2012 R2	cp040214.exe	-	9.15.1.224 (B)	9.15.1.224 (B)	
275	Matrox G200eH3 Video Controller Driver for Windows Server 2016 and Server 2019	cp040215.exe	-	9.15.1.224 (B)	9.15.1.224 (B)	

6.2.11 Firmware - Lights-Out Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
276	Language Pack - Japanese	cp042242.exe	Japanese Language Pack	2.10	2.10.11	
277	Language Pack - Japanese	firmware-ilo5-lpk-ja-ri11-2.10-1.1.x86_64.rpm	Japanese Language Pack	2.10	2.10.11	
278	Online ROM Flash Component for Linux - iLO 5	firmware-ilo5-2.14-1.1.x86_64.rpm	iLO 5	2.14 (a)	2.14	更新
279	Online ROM Flash Component for Windows x64 - iLO 5	cp043140.exe	iLO 5	2.14	2.14	更新
280	Online ROM Flash Firmware Package - iLO 5	ilo5_214.fwpkg	iLO 5	2.14	2.14	更新

6.2.12 Firmware – Network

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
281	HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-bcm-nxe-1.8.1-1.1.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	1.8.1	214.0.286015	更新
282	HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-bcm-nxe-1.8.1-1.1.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	1.8.1	214.0.286015	更新
283	HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for VMware	CP041782.zip	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	5.10.1	214.0.286015	更新
284	HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for VMware	CP041782.zip	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	5.10.1	214.0.286015	更新
285	HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for Windows Server x64 Editions	cp041783.exe	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	5.2.0.5	214.0.286015	更新
286	HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for Windows Server x64 Editions	cp041783.exe	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	5.2.0.5	214.0.286015	更新
287	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.25.1-1.1.x86_64.rpm	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	2.25.1	20.14.62	更新
288	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.25.1-1.1.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	2.25.1	20.14.62	更新
289	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.25.1-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	2.25.1	20.14.62	更新

290	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.25.1-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	2.25.1	20.14.62	更新
291	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.25.1-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	2.25.1	20.14.62	更新
292	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP042268.zip	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	1.26.1	20.14.62	更新
293	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP042268.zip	HP Ethernet 1Gb 2-port 332T Adapter	1.26.1	20.14.62	更新
294	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP042268.zip	HP Ethernet 1Gb 4-port 331FLR Adapter	1.26.1	20.14.62	更新
295	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP042268.zip	HP Ethernet 1Gb 4-port 331T Adapter	1.26.1	20.14.62	更新
296	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP042268.zip	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	1.26.1	20.14.62	更新
297	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp042269.exe	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	5.2.0.5	20.14.62	更新
298	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp042269.exe	HP Ethernet 1Gb 2-port 332T Adapter	5.2.0.5	20.14.62	更新
299	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp042269.exe	HP Ethernet 1Gb 4-port 331FLR Adapter	5.2.0.5	20.14.62	更新
300	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp042269.exe	HP Ethernet 1Gb 4-port 331T Adapter	5.2.0.5	20.14.62	更新
301	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp042269.exe	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	5.2.0.5	20.14.62	更新
302	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.19.11-1.1.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	1.19.11	1.2529.0	
303	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.19.11-1.1.x86_64.rpm	HP Ethernet 1Gb 2-port 361T Adapter	1.19.11	1.2529.0	
304	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.19.11-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 366FLR Adapter	1.19.11	1.2529.0	
305	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.19.11-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 366T Adapter	1.19.11	1.2529.0	
306	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.19.11-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.19.11	10.51.5	
307	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.19.11-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	1.19.11	10.51.3	
308	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.19.11-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.19.11	10.51.5	
309	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.19.11-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	1.19.11	10.51.3	
310	HPE Intel Online Firmware Upgrade Utility for VMware	CP040151.zip	HPE Ethernet 1Gb 4-port 369i Adapter	3.12.12	1.2529.0	

311	HPE Intel Online Firmware Upgrade Utility for VMware	CP040151.zip	HP Ethernet 1Gb 2-port 361T Adapter	3.12.12	1.2529.0	
312	HPE Intel Online Firmware Upgrade Utility for VMware	CP040151.zip	HP Ethernet 1Gb 4-port 366FLR Adapter	3.12.12	1.2529.0	
313	HPE Intel Online Firmware Upgrade Utility for VMware	CP040151.zip	HP Ethernet 1Gb 4-port 366T Adapter	3.12.12	1.2529.0	
314	HPE Intel Online Firmware Upgrade Utility for VMware	CP040151.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	3.12.12	10.51.5	
315	HPE Intel Online Firmware Upgrade Utility for VMware	CP040151.zip	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	3.12.12	10.51.3	
316	HPE Intel Online Firmware Upgrade Utility for VMware	CP040151.zip	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	3.12.12	10.51.5	
317	HPE Intel Online Firmware Upgrade Utility for VMware	CP040151.zip	HPE Ethernet 10Gb 2-port 562T Adapter	3.12.12	10.51.3	
318	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp040152.exe	HPE Ethernet 1Gb 4-port 369i Adapter	5.2.0.0	1.2529.0	
319	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp040152.exe	HP Ethernet 1Gb 2-port 361T Adapter	5.2.0.0	1.2529.0	
320	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp040152.exe	HP Ethernet 1Gb 4-port 366FLR Adapter	5.2.0.0	1.2529.0	
321	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp040152.exe	HP Ethernet 1Gb 4-port 366T Adapter	5.2.0.0	1.2529.0	
322	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp040152.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	5.2.0.0	10.51.5	
323	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp040152.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.2.0.0	10.51.3	
324	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp040152.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	5.2.0.0	10.51.5	
325	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp040152.exe	HPE Ethernet 10Gb 2-port 562T Adapter	5.2.0.0	10.51.3	
326	HPE QLogic FastLinQ Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-flq-1.8.12-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 521T Adapter	1.8.12	8.50.22	
327	HPE QLogic FastLinQ Online Firmware Upgrade Utility for VMware	CP039777.zip	HPE Ethernet 10Gb 2-port 521T Adapter	4.11.9	8.50.22	
328	HPE QLogic FastLinQ Online Firmware Upgrade Utility for Windows Server x64 Editions	cp039779.exe	HPE Ethernet 10Gb 2-port 521T Adapter	5.2.0.0	8.50.22	
329	HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-nx2-2.26.30-1.1.x86_64.rpm	HP Ethernet 10Gb 2-port 530SFP+ Adapter	2.26.30	7.18.27	更新
330	HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-nx2-2.26.30-1.1.x86_64.rpm	HP Ethernet 10Gb 2-port 530T Adapter	2.26.30	7.18.27	更新
331	HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-nx2-2.26.30-1.1.x86_64.rpm	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	2.26.30	7.18.27	更新

332	HPE QLogic NX2 Online Firmware Upgrade Utility for VMware	CP043318.zip	HP Ethernet 10Gb 2-port 530SFP+ Adapter	1.26.30	7.18.27	更新
333	HPE QLogic NX2 Online Firmware Upgrade Utility for VMware	CP043318.zip	HP Ethernet 10Gb 2-port 530T Adapter	1.26.30	7.18.27	更新
334	HPE QLogic NX2 Online Firmware Upgrade Utility for VMware	CP043318.zip	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	1.26.30	7.18.27	更新
335	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp043319.exe	HP Ethernet 10Gb 2-port 530SFP+ Adapter	5.2.0.3	7.18.27	更新
336	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp043319.exe	HP Ethernet 10Gb 2-port 530T Adapter	5.2.0.3	7.18.27	更新
337	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp043319.exe	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	5.2.0.3	7.18.27	更新
338	Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox Ethernet only adapters	CP040048.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.6	14.26.1040	
339	Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox Ethernet only adapters	CP040048.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.6	14.26.1040	
340	Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 6.5	CP039801.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.5	16.26.1040	
341	Online Firmware Upgrade Utility (ESXi 6.7) for HPE Mellanox Ethernet only adapters	CP040049.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.2	14.26.1040	
342	Online Firmware Upgrade Utility (ESXi 6.7) for HPE Mellanox Ethernet only adapters	CP040049.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.2	14.26.1040	
343	Online Firmware Upgrade Utility (ESXi 6.7) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 6.7	CP039802.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.1	16.26.1040	
344	Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox Ethernet only adapters	firmware-nic-mellanox-ethernet-only-1.0.11-1.1.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.11	14.26.1040	
345	Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox Ethernet only adapters	firmware-nic-mellanox-ethernet-only-1.0.11-1.1.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.11	14.26.1040	
346	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-connectx4-1.0.7-1.1.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.7	16.26.1040	
347	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox Ethernet only adapters	cp040050.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.0.11	14.26.1040	

348	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox Ethernet only adapters	cp040050.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.0.11	14.26.1040	
349	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Windows x86_64 platform	cp039803.exe	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.0.6	16.26.1040	

6.2.13 Firmware - PCIe NVMe Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
350	Online NVMe SDD Flash Component for VMware ESXi - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	CP040212.zip	MT001600KWHAC	HPS1	HPS1	
351	Online NVMe SDD Flash Component for VMware ESXi - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	CP040212.zip	MT003200KWHAD	HPS1	HPS1	
352	Online NVMe SDD Flash Component for VMware ESXi - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	CP040212.zip	MT006400KWHAE	HPS1	HPS1	
353	Online NVMe SSD Flash Component for Linux (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	firmware-hdd-c4355d15c4-HPK2-4.1.x86_64.rpm	ET000750KWJTF	HPK2 (D)	HPK2	
354	Online NVMe SSD Flash Component for Linux (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	firmware-hdd-c4355d15c4-HPK2-4.1.x86_64.rpm	EO000375KWJUC	HPK2 (D)	HPK2	
355	Online NVMe SSD Flash Component for Linux (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	firmware-hdd-c4355d15c4-HPK2-4.1.x86_64.rpm	EO000750KWTXC	HPK2 (D)	HPK2	
356	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-4.1.x86_64.rpm	LO0400KEFJQ	HPK4 (D)	HPK4	
357	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-4.1.x86_64.rpm	LO0800KEFJR	HPK4 (D)	HPK4	
358	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-4.1.x86_64.rpm	LO1600KEFJT	HPK4 (D)	HPK4	

359	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-4.1.x86_64.rpm	LO2000KEFJU	HPK4 (D)	HPK4	
360	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-4.1.x86_64.rpm	LT0800KEXVA	HPK4 (D)	HPK4	
361	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-4.1.x86_64.rpm	LT1600KEXVB	HPK4 (D)	HPK4	
362	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-4.1.x86_64.rpm	LT2000KEXVC	HPK4 (D)	HPK4	
363	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	firmware-hdd-b45e49679c-HPK4-3.1.x86_64.rpm	VK001920KWDUH	HPK4 (C)	HPK4	
364	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	firmware-hdd-b45e49679c-HPK4-3.1.x86_64.rpm	MK001600KWDUN	HPK4 (C)	HPK4	
365	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	firmware-hdd-b45e49679c-HPK4-3.1.x86_64.rpm	VK000960KWDUF	HPK4 (C)	HPK4	
366	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	firmware-hdd-b45e49679c-HPK4-3.1.x86_64.rpm	MK000800KWDUL	HPK4 (C)	HPK4	
367	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	firmware-hdd-b45e49679c-HPK4-3.1.x86_64.rpm	VK000480KWDUE	HPK4 (C)	HPK4	

368	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	firmware-hdd-b45e49679c-HPK4-3.1.x86_64.rpm	MK000400KWDUK	HPK4 (C)	HPK4	
369	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd-2a5b65f157-HPK4-4.1.x86_64.rpm	MO0400KEFHN	HPK4 (D)	HPK4	
370	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd-2a5b65f157-HPK4-4.1.x86_64.rpm	MO0800KEFHP	HPK4 (D)	HPK4	
371	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd-2a5b65f157-HPK4-4.1.x86_64.rpm	MO1600KEFHQ	HPK4 (D)	HPK4	
372	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd-2a5b65f157-HPK4-4.1.x86_64.rpm	MO2000KEFHR	HPK4 (D)	HPK4	
373	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd-2a5b65f157-HPK4-4.1.x86_64.rpm	MT0800KEXUU	HPK4 (D)	HPK4	
374	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd-2a5b65f157-HPK4-4.1.x86_64.rpm	MT1600KEXUV	HPK4 (D)	HPK4	
375	Online NVMe SSD Flash Component for Linux (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	firmware-hdd-8e8ddc5265-HPS1-3.1.x86_64.rpm	MT001600KWHAC	HPS1 (C)	HPS1	
376	Online NVMe SSD Flash Component for Linux (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	firmware-hdd-8e8ddc5265-HPS1-3.1.x86_64.rpm	MT003200KWHAD	HPS1 (C)	HPS1	

377	Online NVMe SSD Flash Component for Linux (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	firmware-hdd-8e8ddc5265-HPS1-3.1.x86_64.rpm	MT006400KWHAE	HPS1 (C)	HPS1	
378	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd-1656c1b14a-HPK1-4.1.x86_64.rpm	VO001000KWJSE	HPK1 (D)	HPK1	
379	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd-1656c1b14a-HPK1-4.1.x86_64.rpm	VO002000KWJSF	HPK1 (D)	HPK1	
380	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd-1656c1b14a-HPK1-4.1.x86_64.rpm	VO004000KWJSH	HPK1 (D)	HPK1	
381	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd-1656c1b14a-HPK1-4.1.x86_64.rpm	VT004000KWJSU	HPK1 (D)	HPK1	
382	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd-1656c1b14a-HPK1-4.1.x86_64.rpm	MO001600KWJSN	HPK1 (D)	HPK1	
383	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd-1656c1b14a-HPK1-4.1.x86_64.rpm	MO003200KWJSQ	HPK1 (D)	HPK1	
384	Online NVMe SSD Flash Component for Linux (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	firmware-hdd-9a826ccd8a-HPK4-4.1.x86_64.rpm	VO0400KEFJB	HPK4 (D)	HPK4	
385	Online NVMe SSD Flash Component for Linux (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	firmware-hdd-9a826ccd8a-HPK4-4.1.x86_64.rpm	VO1200KEFJC	HPK4 (D)	HPK4	
386	Online NVMe SSD Flash Component for Linux (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	firmware-hdd-9a826ccd8a-HPK4-4.1.x86_64.rpm	VO2000KEFJD	HPK4 (D)	HPK4	

387	Online NVMe SSD Flash Component for Linux (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR, and MS000800KWDUT Drives	firmware-hdd-95a2e5a bcb-HPK4-3.1.x86_64.rpm	VS000480KWDUP	HPK4 (C)	HPK4	
388	Online NVMe SSD Flash Component for Linux (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR, and MS000800KWDUT Drives	firmware-hdd-95a2e5a bcb-HPK4-3.1.x86_64.rpm	VS000960KWDUQ	HPK4 (C)	HPK4	
389	Online NVMe SSD Flash Component for Linux (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR, and MS000800KWDUT Drives	firmware-hdd-95a2e5a bcb-HPK4-3.1.x86_64.rpm	MS000400KWDUR	HPK4 (C)	HPK4	
390	Online NVMe SSD Flash Component for Linux (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR, and MS000800KWDUT Drives	firmware-hdd-95a2e5a bcb-HPK4-3.1.x86_64.rpm	MS000800KWDUT	HPK4 (C)	HPK4	
391	Online NVMe SSD Flash Component for VMware ESXi - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	CP040193.zip	ET000750KWJTF	HPK2	HPK2	
392	Online NVMe SSD Flash Component for VMware ESXi - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	CP040193.zip	EO000375KWJUC	HPK2	HPK2	
393	Online NVMe SSD Flash Component for VMware ESXi - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	CP040193.zip	EO000750KWTXC	HPK2	HPK2	
394	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP036934.zip	LO0400KEFJQ	HPK4	HPK4	
395	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP036934.zip	LO0800KEFJR	HPK4	HPK4	
396	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP036934.zip	LO1600KEFJT	HPK4	HPK4	
397	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP036934.zip	LO2000KEFJU	HPK4	HPK4	

398	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP036934.zip	LT0800KEXVA	HPK4	HPK4	
399	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP036934.zip	LT1600KEXVB	HPK4	HPK4	
400	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP036934.zip	LT2000KEXVC	HPK4	HPK4	
401	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN, and VK001920KWDUH Drives	CP040919.zip	MK000400KWDUK	HPK4	HPK4	
402	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN, and VK001920KWDUH Drives	CP040919.zip	VK000480KWDUE	HPK4	HPK4	
403	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN, and VK001920KWDUH Drives	CP040919.zip	MK000800KWDUL	HPK4	HPK4	
404	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN, and VK001920KWDUH Drives	CP040919.zip	VK000960KWDUF	HPK4	HPK4	
405	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN, and VK001920KWDUH Drives	CP040919.zip	MK001600KWDUN	HPK4	HPK4	
406	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN, and VK001920KWDUH Drives	CP040919.zip	VK001920KWDUH	HPK4	HPK4	

407	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU, and MT1600KEXUV Drives	CP040195.zip	MO0400KEFHN	HPK4	HPK4	
408	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU, and MT1600KEXUV Drives	CP040195.zip	MO0800KEFHP	HPK4	HPK4	
409	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU, and MT1600KEXUV Drives	CP040195.zip	MO1600KEFHQ	HPK4	HPK4	
410	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU, and MT1600KEXUV Drives	CP040195.zip	MO2000KEFHR	HPK4	HPK4	
411	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU, and MT1600KEXUV Drives	CP040195.zip	MT0800KEXUU	HPK4	HPK4	
412	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU, and MT1600KEXUV Drives	CP040195.zip	MT1600KEXUV	HPK4	HPK4	
413	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	CP040192.zip	VO001000KWJSE	HPK1	HPK1	
414	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	CP040192.zip	VO002000KWJSF	HPK1	HPK1	

415	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	CP040192.zip	VO004000KWJSH	HPK1	HPK1	
416	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	CP040192.zip	VT004000KWJSU	HPK1	HPK1	
417	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	CP040192.zip	MO001600KWJSN	HPK1	HPK1	
418	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	CP040192.zip	MO003200KWJSQ	HPK1	HPK1	
419	Online NVMe SSD Flash Component for VMware ESXi - VO0400KEFJB, VO1200KEFJC, and VO2000KEFJD Drives	CP040194.zip	VO0400KEFJB	HPK4	HPK4	
420	Online NVMe SSD Flash Component for VMware ESXi - VO0400KEFJB, VO1200KEFJC, and VO2000KEFJD Drives	CP040194.zip	VO1200KEFJC	HPK4	HPK4	
421	Online NVMe SSD Flash Component for VMware ESXi - VO0400KEFJB, VO1200KEFJC, and VO2000KEFJD Drives	CP040194.zip	VO2000KEFJD	HPK4	HPK4	
422	Online NVMe SSD Flash Component for VMware ESXi - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR, and MS000800KWDUT Drives	CP040921.zip	VS000480KWDUP	HPK4	HPK4	
423	Online NVMe SSD Flash Component for VMware ESXi - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR, and MS000800KWDUT Drives	CP040921.zip	VS000960KWDUQ	HPK4	HPK4	
424	Online NVMe SSD Flash Component for VMware ESXi - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR, and MS000800KWDUT Drives	CP040921.zip	MS000400KWDUR	HPK4	HPK4	

425	Online NVMe SSD Flash Component for VMware ESXi - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR, and MS000800KWDUT Drives	CP040921.zip	MS000800KWDUT	HPK4	HPK4	
426	Online NVMe SSD Flash Component for Windows (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	cp039036.exe	ET000750KWJTF	HPK2	HPK2	
427	Online NVMe SSD Flash Component for Windows (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	cp039036.exe	EO000375KWJUC	HPK2	HPK2	
428	Online NVMe SSD Flash Component for Windows (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	cp039036.exe	EO000750KWTXC	HPK2	HPK2	
429	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp040243.exe	LO0400KEFJQ	HPK4	HPK4	
430	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp040243.exe	LO0800KEFJR	HPK4	HPK4	
431	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp040243.exe	LO1600KEFJT	HPK4	HPK4	
432	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp040243.exe	LO2000KEFJU	HPK4	HPK4	
433	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp040243.exe	LT0800KEXVA	HPK4	HPK4	
434	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp040243.exe	LT1600KEXVB	HPK4	HPK4	

435	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp040243.exe	LT2000KEXVC	HPK4	HPK4	
436	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN, and VK001920KWDUH Drives	cp038857.exe	VK001920KWDUH	HPK4	HPK4	
437	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN, and VK001920KWDUH Drives	cp038857.exe	MK001600KWDUN	HPK4	HPK4	
438	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN, and VK001920KWDUH Drives	cp038857.exe	VK000960KWDUF	HPK4	HPK4	
439	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN, and VK001920KWDUH Drives	cp038857.exe	MK000800KWDUL	HPK4	HPK4	
440	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN, and VK001920KWDUH Drives	cp038857.exe	VK000480KWDUE	HPK4	HPK4	
441	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN, and VK001920KWDUH Drives	cp038857.exe	MK000400KWDUK	HPK4	HPK4	
442	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU, and MT1600KEXUV Drives	cp038873.exe	MO0400KEFHN	HPK4	HPK4	

443	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU, and MT1600KEXUV Drives	cp038873.exe	MO0800KEFHP	HPK4	HPK4	
444	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU, and MT1600KEXUV Drives	cp038873.exe	MO1600KEFHQ	HPK4	HPK4	
445	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU, and MT1600KEXUV Drives	cp038873.exe	MO2000KEFHR	HPK4	HPK4	
446	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU, and MT1600KEXUV Drives	cp038873.exe	MT0800KEXUU	HPK4	HPK4	
447	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU, and MT1600KEXUV Drives	cp038873.exe	MT1600KEXUV	HPK4	HPK4	
448	Online NVMe SSD Flash Component for Windows (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	cp039546.exe	MT001600KWHAC	HPS1	HPS1	
449	Online NVMe SSD Flash Component for Windows (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	cp039546.exe	MT003200KWHAD	HPS1	HPS1	
450	Online NVMe SSD Flash Component for Windows (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	cp039546.exe	MT006400KWHAE	HPS1	HPS1	
451	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp038859.exe	VO001000KWJSE	HPK1	HPK1	

452	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp038859.exe	VO002000KWJSF	HPK1	HPK1	
453	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp038859.exe	VO004000KWJSH	HPK1	HPK1	
454	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp038859.exe	VT004000KWJSU	HPK1	HPK1	
455	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp038859.exe	MO001600KWJSN	HPK1	HPK1	
456	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp038859.exe	MO003200KWJSQ	HPK1	HPK1	
457	Online NVMe SSD Flash Component for Windows (x64) - VO0400KEFJB, VO1200KEFJC, and VO2000KEFJD Drives	cp040244.exe	VO0400KEFJB	HPK4	HPK4	
458	Online NVMe SSD Flash Component for Windows (x64) - VO0400KEFJB, VO1200KEFJC, and VO2000KEFJD Drives	cp040244.exe	VO1200KEFJC	HPK4	HPK4	
459	Online NVMe SSD Flash Component for Windows (x64) - VO0400KEFJB, VO1200KEFJC, and VO2000KEFJD Drives	cp040244.exe	VO2000KEFJD	HPK4	HPK4	
460	Online NVMe SSD Flash Component for Windows (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR, and MS000800KWDUT Drives	cp040923.exe	VS000480KWDUP	HPK4	HPK4	

461	Online NVMe SSD Flash Component for Windows (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR, and MS000800KWDUT Drives	cp040923.exe	VS000960KWDUQ	HPK4	HPK4	
462	Online NVMe SSD Flash Component for Windows (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR, and MS000800KWDUT Drives	cp040923.exe	MS000400KWDUR	HPK4	HPK4	
463	Online NVMe SSD Flash Component for Windows (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR, and MS000800KWDUT Drives	cp040923.exe	MS000800KWDUT	HPK4	HPK4	

6.2.14 Firmware - Power Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
464	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	cp039815.exe	Innovation Engine (IE) Firmware	0.2.1.2	0.2.1.2	
465	Online HDD/SDD Flash Component for Linux (x64) - EG000300JWBHR Drives	firmware-hdd-2e4c61f63-HPD4-3.1.x86_64.rpm	EG000300JWBHR	HPD4 (C)	HPD4	
466	Online HDD/SDD Flash Component for Linux (x64) - EG000300JWFVB Drives	firmware-hdd-c5cd837c29-HPD2-4.1.x86_64.rpm	EG000300JWFVB	HPD2 (D)	HPD2	
467	Online HDD/SDD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drive	firmware-hdd-24fe569b72-HPD2-2.1.x86_64.rpm	EG000300JWSJP	HPD2 (B)	HPD2	

6.2.15 Firmware - SAS Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
468	Online HDD/SDD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drive	firmware-hdd-24fe569b72-HPD2-2.1.x86_64.rpm	EG000600JWJNH	HPD2 (B)	HPD2	
469	Online HDD/SDD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drive	firmware-hdd-24fe569b72-HPD2-2.1.x86_64.rpm	EG001200JWJNK	HPD2 (B)	HPD2	
470	Online HDD/SDD Flash Component for Linux (x64) - EG000600JWEBH and EG000300JWEBF Drives	firmware-hdd-aa9e289524-HPD4-3.1.x86_64.rpm	EG000600JWEBH	HPD4 (C)	HPD4	
471	Online HDD/SDD Flash Component for Linux (x64) - EG000600JWEBH and EG000300JWEBF Drives	firmware-hdd-aa9e289524-HPD4-3.1.x86_64.rpm	EG000300JWEBF	HPD4 (C)	HPD4	

472	Online HDD/SDD Flash Component for Linux (x64) - EG000600JWFUV and EG001200JWFVA Drives	firmware-hdd-f0c91d2fe3-HPD3-4.1.x86_64.rpm	EG000600JWFUV	HPD3 (D)	HPD3	
473	Online HDD/SDD Flash Component for Linux (x64) - EG000600JWFUV and EG001200JWFVA Drives	firmware-hdd-f0c91d2fe3-HPD3-4.1.x86_64.rpm	EG001200JWFVA	HPD3 (D)	HPD3	
474	Online HDD/SDD Flash Component for Linux (x64) - EG000600JWJNP and EG001200JWJNQ Drives	firmware-hdd-bdfb8e99d9-HPD3-1.1.x86_64.rpm	EG000600JWJNP	HPD3	HPD3	更新
475	Online HDD/SDD Flash Component for Linux (x64) - EG000600JWJNP and EG001200JWJNQ Drives	firmware-hdd-bdfb8e99d9-HPD3-1.1.x86_64.rpm	EG001200JWJNQ	HPD3	HPD3	更新
476	Online HDD/SDD Flash Component for Linux (x64) - EG001800JWFVC Drives	firmware-hdd-693b9a2853-HPD3-4.1.x86_64.rpm	EG001800JWFVC	HPD3 (D)	HPD3	
477	Online HDD/SDD Flash Component for Linux (x64) - EG001800JWJNL and EG002400JWJNN Drive	firmware-hdd-852266afdf-HPD2-2.1.x86_64.rpm	EG001800JWJNL	HPD2 (B)	HPD2	
478	Online HDD/SDD Flash Component for Linux (x64) - EG001800JWJNL and EG002400JWJNN Drive	firmware-hdd-852266afdf-HPD2-2.1.x86_64.rpm	EG002400JWJNN	HPD2 (B)	HPD2	
479	Online HDD/SDD Flash Component for Linux (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FC SPL, and EG0900FCSPN Drives	firmware-hdd-7c1a1734f9-HPD2-5.1.x86_64.rpm	EG0300FCSPH	HPD2 (E)	HPD2	
480	Online HDD/SDD Flash Component for Linux (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FC SPL, and EG0900FCSPN Drives	firmware-hdd-7c1a1734f9-HPD2-5.1.x86_64.rpm	EG0450FCSPK	HPD2 (E)	HPD2	
481	Online HDD/SDD Flash Component for Linux (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FC SPL, and EG0900FCSPN Drives	firmware-hdd-7c1a1734f9-HPD2-5.1.x86_64.rpm	EG0600FC SPL	HPD2 (E)	HPD2	
482	Online HDD/SDD Flash Component for Linux (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FC SPL, and EG0900FCSPN Drives	firmware-hdd-7c1a1734f9-HPD2-5.1.x86_64.rpm	EG0900FCSPN	HPD2 (E)	HPD2	
483	Online HDD/SDD Flash Component for Linux (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	firmware-hdd-31f91b8622-HPD5-6.1.x86_64.rpm	EG0300JEHLV	HPD5 (F)	HPD5	
484	Online HDD/SDD Flash Component for Linux (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	firmware-hdd-31f91b8622-HPD5-6.1.x86_64.rpm	EG0600JEHMA	HPD5 (F)	HPD5	
485	Online HDD/SDD Flash Component for Linux (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	firmware-hdd-31f91b8622-HPD5-6.1.x86_64.rpm	EG0900JEHMB	HPD5 (F)	HPD5	

486	Online HDD/SDD Flash Component for Linux (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	firmware-hdd-31f91b8622-HPD5-6.1.x86_64.rpm	EG1200JEHMC	HPD5 (F)	HPD5	
487	Online HDD/SDD Flash Component for Linux (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB, and EG1200JEMDA Drives	firmware-hdd-ac3fda26eb-HPD6-6.1.x86_64.rpm	EG0600JEMCV	HPD6 (F)	HPD6	
488	Online HDD/SDD Flash Component for Linux (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB, and EG1200JEMDA Drives	firmware-hdd-ac3fda26eb-HPD6-6.1.x86_64.rpm	EG1200JEMDA	HPD6 (F)	HPD6	
489	Online HDD/SDD Flash Component for Linux (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB, and EG1200JEMDA Drives	firmware-hdd-ac3fda26eb-HPD6-6.1.x86_64.rpm	EG0300JFCKA	HPD6 (F)	HPD6	
490	Online HDD/SDD Flash Component for Linux (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB, and EG1200JEMDA Drives	firmware-hdd-ac3fda26eb-HPD6-6.1.x86_64.rpm	EG0900JFCKB	HPD6 (F)	HPD6	
491	Online HDD/SDD Flash Component for Linux (x64) - EG0600JETKA, EG0900JETKB, and EG1200JETKC Drives	firmware-hdd-7505dfb5ae-HPD7-3.1.x86_64.rpm	EG0600JETKA	HPD7 (C)	HPD7	
492	Online HDD/SDD Flash Component for Linux (x64) - EG0600JETKA, EG0900JETKB, and EG1200JETKC Drives	firmware-hdd-7505dfb5ae-HPD7-3.1.x86_64.rpm	EG0900JETKB	HPD7 (C)	HPD7	
493	Online HDD/SDD Flash Component for Linux (x64) - EG0600JETKA, EG0900JETKB, and EG1200JETKC Drives	firmware-hdd-7505dfb5ae-HPD7-3.1.x86_64.rpm	EG1200JETKC	HPD7 (C)	HPD7	
494	Online HDD/SDD Flash Component for Linux (x64) - EG1800JEHMD Drive	firmware-hdd-8a2c06af48-HPD6-6.1.x86_64.rpm	EG1800JEHMD	HPD6 (F)	HPD6	
495	Online HDD/SDD Flash Component for Linux (x64) - EG1800JEMDB Drives	firmware-hdd-0a38b25661-HPD5-5.1.x86_64.rpm	EG1800JEMDB	HPD5 (E)	HPD5	
496	Online HDD/SDD Flash Component for Linux (x64) - EG1800JFHMH Drives	firmware-hdd-7fc5497116-HPD7-4.1.x86_64.rpm	EG1800JFHMH	HPD7 (D)	HPD7	
497	Online HDD/SDD Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	firmware-hdd-3d97759111-HPD5-3.1.x86_64.rpm	EH000900JWCPN	HPD5 (C)	HPD5	
498	Online HDD/SDD Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	firmware-hdd-3d97759111-HPD5-3.1.x86_64.rpm	EH000600JWCPL	HPD5 (C)	HPD5	
499	Online HDD/SDD Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	firmware-hdd-3d97759111-HPD5-3.1.x86_64.rpm	EH000300JWCPK	HPD5 (C)	HPD5	
500	Online HDD/SDD Flash Component for Linux (x64) - EH000600JWCPF and EH000900JWCPH Drives	firmware-hdd-a05f29cef3-HPD7-3.1.x86_64.rpm	EH000900JWCPH	HPD7 (C)	HPD7	

501	Online HDD/SDD Flash Component for Linux (x64) - EH000600JWCPCF and EH000900JWCPH Drives	firmware-hdd-a05f29cef3-HPD7-3.1.x86_64.rpm	EH000600JWCPCF	HPD7 (C)	HPD7	
502	Online HDD/SDD Flash Component for Linux (x64) - EH000900JWHPK and EH000600JWHPH Drives	firmware-hdd-c7df7ceedb-HPD4-1.1.x86_64.rpm	EH000900JWHPK	HPD4	HPD4	更新
503	Online HDD/SDD Flash Component for Linux (x64) - EH000900JWHPK and EH000600JWHPH Drives	firmware-hdd-c7df7ceedb-HPD4-1.1.x86_64.rpm	EH000600JWHPH	HPD4	HPD4	更新
504	Online HDD/SDD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	firmware-hdd-8d68452816-HPD4-1.1.x86_64.rpm	EH000900JWHPP	HPD4	HPD4	更新
505	Online HDD/SDD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	firmware-hdd-8d68452816-HPD4-1.1.x86_64.rpm	EH000600JWHPN	HPD4	HPD4	更新
506	Online HDD/SDD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	firmware-hdd-8d68452816-HPD4-1.1.x86_64.rpm	EH000300JWHPL	HPD4	HPD4	更新
507	Online HDD/SDD Flash Component for Linux (x64) - EH0300JDXBA, EH0450JDXBB, and EH0600JDXBC Drives	firmware-hdd-1cbab97ff0-HPD5-5.1.x86_64.rpm	EH0300JDXBA	HPD5 (E)	HPD5	
508	Online HDD/SDD Flash Component for Linux (x64) - EH0300JDXBA, EH0450JDXBB, and EH0600JDXBC Drives	firmware-hdd-1cbab97ff0-HPD5-5.1.x86_64.rpm	EH0450JDXBB	HPD5 (E)	HPD5	
509	Online HDD/SDD Flash Component for Linux (x64) - EH0300JDXBA, EH0450JDXBB, and EH0600JDXBC Drives	firmware-hdd-1cbab97ff0-HPD5-5.1.x86_64.rpm	EH0600JDXBC	HPD5 (E)	HPD5	
510	Online HDD/SDD Flash Component for Linux (x64) - EH0300JDYTH, EH0450JDYTK, and EH0600JDYTL Drives	firmware-hdd-b9340d29be-HPD6-6.1.x86_64.rpm	EH0300JDYTH	HPD6 (F)	HPD6	
511	Online HDD/SDD Flash Component for Linux (x64) - EH0300JDYTH, EH0450JDYTK, and EH0600JDYTL Drives	firmware-hdd-b9340d29be-HPD6-6.1.x86_64.rpm	EH0450JDYTK	HPD6 (F)	HPD6	
512	Online HDD/SDD Flash Component for Linux (x64) - EH0300JDYTH, EH0450JDYTK, and EH0600JDYTL Drives	firmware-hdd-b9340d29be-HPD6-6.1.x86_64.rpm	EH0600JDYTL	HPD6 (F)	HPD6	
513	Online HDD/SDD Flash Component for Linux (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	firmware-hdd-8c4a212ff9-HPD4-6.1.x86_64.rpm	EH0300JEDHC	HPD4 (F)	HPD4	
514	Online HDD/SDD Flash Component for Linux (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	firmware-hdd-8c4a212ff9-HPD4-6.1.x86_64.rpm	EH0450JEDHD	HPD4 (F)	HPD4	
515	Online HDD/SDD Flash Component for Linux (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	firmware-hdd-8c4a212ff9-HPD4-6.1.x86_64.rpm	EH0600JEDHE	HPD4 (F)	HPD4	
516	Online HDD/SDD Flash Component for Linux (x64) - EH0600JDYTN Drive	firmware-hdd-f3faa195ff-HPD7-5.1.x86_64.rpm	EH0600JDYTN	HPD7 (E)	HPD7	

517	Online HDD/SDD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-3.1.x86_64.rpm	EO000400JWDKP	HPD2 (C)	HPD2	
518	Online HDD/SDD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-3.1.x86_64.rpm	EO000800JWDKQ	HPD2 (C)	HPD2	
519	Online HDD/SDD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-3.1.x86_64.rpm	EO001600JWDKR	HPD2 (C)	HPD2	
520	Online HDD/SDD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-3.1.x86_64.rpm	MO000400JWDKU	HPD2 (C)	HPD2	
521	Online HDD/SDD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-3.1.x86_64.rpm	MO000800JWDKV	HPD2 (C)	HPD2	
522	Online HDD/SDD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-3.1.x86_64.rpm	MO001600JWDLA	HPD2 (C)	HPD2	
523	Online HDD/SDD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-3.1.x86_64.rpm	MO003200JWDLB	HPD2 (C)	HPD2	

524	Online HDD/SDD Flash Component for Linux (x64) - MB002000JWFVN and MB004000JWFVP Drives	firmware-hdd-d7af557f47-HPD3-1.1.x86_64.rpm	MB002000JWFVN	HPD3	HPD3	更新
525	Online HDD/SDD Flash Component for Linux (x64) - MB002000JWFVN and MB004000JWFVP Drives	firmware-hdd-d7af557f47-HPD3-1.1.x86_64.rpm	MB004000JWFVP	HPD3	HPD3	更新
526	Online HDD/SDD Flash Component for Linux (x64) - MB004000JWFVK and MB006000JWFVL Drives	firmware-hdd-f6d00bd17e-HPD3-1.1.x86_64.rpm	MB004000JWFVK	HPD3	HPD3	更新
527	Online HDD/SDD Flash Component for Linux (x64) - MB004000JWFVK and MB006000JWFVL Drives	firmware-hdd-f6d00bd17e-HPD3-1.1.x86_64.rpm	MB006000JWFVL	HPD3	HPD3	更新
528	Online HDD/SDD Flash Component for Linux (x64) - MB004000JWKGU Drive	firmware-hdd-2c27a7a9a4-HPD1-2.1.x86_64.rpm	MB004000JWKGU	HPD1 (B)	HPD1	
529	Online HDD/SDD Flash Component for Linux (x64) - MB006000JWKGN Drive	firmware-hdd-a886842a99-HPD1-2.1.x86_64.rpm	MB006000JWKGN	HPD1 (B)	HPD1	
530	Online HDD/SDD Flash Component for Linux (x64) - MB008000JWJRQ and MB006000JWJRP Drives	firmware-hdd-faf39e0ff7-HPD4-3.1.x86_64.rpm	MB008000JWJRQ	HPD4 (C)	HPD4	
531	Online HDD/SDD Flash Component for Linux (x64) - MB008000JWJRQ and MB006000JWJRP Drives	firmware-hdd-faf39e0ff7-HPD4-3.1.x86_64.rpm	MB006000JWJRP	HPD4 (C)	HPD4	
532	Online HDD/SDD Flash Component for Linux (x64) - MB008000JWRTD Drive	firmware-hdd-8b26d1ef02-HPD1-2.1.x86_64.rpm	MB008000JWRTD	HPD1 (B)	HPD1	
533	Online HDD/SDD Flash Component for Linux (x64) - MB010000JWAYK and MB008000JWAYH Drives	firmware-hdd-6ec35faf90-HPD5-4.1.x86_64.rpm	MB010000JWAYK	HPD5 (D)	HPD5	
534	Online HDD/SDD Flash Component for Linux (x64) - MB010000JWAYK and MB008000JWAYH Drives	firmware-hdd-6ec35faf90-HPD5-4.1.x86_64.rpm	MB008000JWAYH	HPD5 (D)	HPD5	
535	Online HDD/SDD Flash Component for Linux (x64) - MB012000JWDFD Drives	firmware-hdd-aaf1014ede-HPD2-4.1.x86_64.rpm	MB012000JWDFD	HPD2 (D)	HPD2	
536	Online HDD/SDD Flash Component for Linux (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	firmware-hdd-10385ef3e6-HPD2-3.1.x86_64.rpm	MB014000JWRTH	HPD2 (C)	HPD2	
537	Online HDD/SDD Flash Component for Linux (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	firmware-hdd-10385ef3e6-HPD2-3.1.x86_64.rpm	MB012000JWRTF	HPD2 (C)	HPD2	
538	Online HDD/SDD Flash Component for Linux (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	firmware-hdd-10385ef3e6-HPD2-3.1.x86_64.rpm	MB010000JWRTE	HPD2 (C)	HPD2	
539	Online HDD/SDD Flash Component for Linux (x64) - MB014000JWUDB Drive	firmware-hdd-cfd7436fcc-HPD2-2.1.x86_64.rpm	MB014000JWUDB	HPD2 (B)	HPD2	

540	Online HDD/SDD Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	firmware-hdd-b85516c7d2-HPD3-3.1.x86_64.rpm	MB1000JVYZL	HPD3 (C)	HPD3	
541	Online HDD/SDD Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	firmware-hdd-b85516c7d2-HPD3-3.1.x86_64.rpm	MB2000JVYZN	HPD3 (C)	HPD3	
542	Online HDD/SDD Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	firmware-hdd-b85516c7d2-HPD3-3.1.x86_64.rpm	MB3000JVYZP	HPD3 (C)	HPD3	
543	Online HDD/SDD Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	firmware-hdd-b85516c7d2-HPD3-3.1.x86_64.rpm	MB4000JVYZQ	HPD3 (C)	HPD3	
544	Online HDD/SDD Flash Component for Linux (x64) - MB2000JFDSL and MB4000JFDSN Drives	firmware-hdd-46fc43ab26-HPD4-5.1.x86_64.rpm	MB2000JFDSL	HPD4 (E)	HPD4	
545	Online HDD/SDD Flash Component for Linux (x64) - MB2000JFDSL and MB4000JFDSN Drives	firmware-hdd-46fc43ab26-HPD4-5.1.x86_64.rpm	MB4000JFDSN	HPD4 (E)	HPD4	
546	Online HDD/SDD Flash Component for Linux (x64) - MB2000JFEML and MB4000JFEMN Drives	firmware-hdd-624b75c7e2-HPD6-5.1.x86_64.rpm	MB2000JFEML	HPD6 (E)	HPD6	
547	Online HDD/SDD Flash Component for Linux (x64) - MB2000JFEML and MB4000JFEMN Drives	firmware-hdd-624b75c7e2-HPD6-5.1.x86_64.rpm	MB4000JFEMN	HPD6 (E)	HPD6	
548	Online HDD/SDD Flash Component for Linux (x64) - MB2000JFEPA and MB4000JFEPB Drives	firmware-hdd-326de7c0f2-HPD5-5.1.x86_64.rpm	MB2000JFEPA	HPD5 (E)	HPD5	
549	Online HDD/SDD Flash Component for Linux (x64) - MB2000JFEPA and MB4000JFEPB Drives	firmware-hdd-326de7c0f2-HPD5-5.1.x86_64.rpm	MB4000JFEPB	HPD5 (E)	HPD5	
550	Online HDD/SDD Flash Component for Linux (x64) - MB4000JEFNC and MB6000JEFND Drives	firmware-hdd-af802bb412-HPD9-5.1.x86_64.rpm	MB4000JEFNC	HPD9 (E)	HPD9	
551	Online HDD/SDD Flash Component for Linux (x64) - MB4000JEFNC and MB6000JEFND Drives	firmware-hdd-af802bb412-HPD9-5.1.x86_64.rpm	MB6000JEFND	HPD9 (E)	HPD9	
552	Online HDD/SDD Flash Component for Linux (x64) - MB4000JEQNL and MB6000JEQNN Drives	firmware-hdd-2cfaac41db-HPDB-5.1.x86_64.rpm	MB4000JEQNL	HPDB (E)	HPDB	
553	Online HDD/SDD Flash Component for Linux (x64) - MB4000JEQNL and MB6000JEQNN Drives	firmware-hdd-2cfaac41db-HPDB-5.1.x86_64.rpm	MB6000JEQNN	HPDB (E)	HPDB	
554	Online HDD/SDD Flash Component for Linux (x64) - MB4000JEXYA and MB6000JEXYB Drives	firmware-hdd-0f923833e9-HPD9-3.1.x86_64.rpm	MB4000JEXYA	HPD9 (C)	HPD9	

555	Online HDD/SDD Flash Component for Linux (x64) - MB4000JEXYA and MB6000JEXYB Drives	firmware-hdd-0f923833e9-HPD9-3.1.x86_64.rpm	MB6000JEXYB	HPD9 (C)	HPD9	
556	Online HDD/SDD Flash Component for Linux (x64) - MB6000JEQUV and MB8000JEQVA Drives	firmware-hdd-df22f7effd-HPDB-5.1.x86_64.rpm	MB6000JEQUV	HPDB (E)	HPDB	
557	Online HDD/SDD Flash Component for Linux (x64) - MB6000JEQUV and MB8000JEQVA Drives	firmware-hdd-df22f7effd-HPDB-5.1.x86_64.rpm	MB8000JEQVA	HPDB (E)	HPDB	
558	Online HDD/SDD Flash Component for Linux (x64) - MB6000JVYYV Drives	firmware-hdd-0595c2a887-HPD2-5.1.x86_64.rpm	MB6000JVYYV	HPD2 (E)	HPD2	
559	Online HDD/SDD Flash Component for Linux (x64) - MB6000JVYZD and MB4000JVYZC Drives	firmware-hdd-e800e8d3b9-HPD4-3.1.x86_64.rpm	MB6000JVYZD	HPD4 (C)	HPD4	
560	Online HDD/SDD Flash Component for Linux (x64) - MB6000JVYZD and MB4000JVYZC Drives	firmware-hdd-e800e8d3b9-HPD4-3.1.x86_64.rpm	MB4000JVYZC	HPD4 (C)	HPD4	
561	Online HDD/SDD Flash Component for Linux (x64) - MB8000JFECQ Drives	firmware-hdd-252770cdda-HPD7-4.1.x86_64.rpm	MB8000JFECQ	HPD7 (D)	HPD7	
562	Online HDD/SDD Flash Component for Linux (x64) - MM1000JEFRB and MM2000JEFRC Drives	firmware-hdd-b04257b77b-HPD8-4.1.x86_64.rpm	MM1000JEFRB	HPD8 (D)	HPD8	
563	Online HDD/SDD Flash Component for Linux (x64) - MM1000JEFRB and MM2000JEFRC Drives	firmware-hdd-b04257b77b-HPD8-4.1.x86_64.rpm	MM2000JEFRC	HPD8 (D)	HPD8	
564	Online HDD/SDD Flash Component for Linux (x64) - MM1000JFJTH Drives	firmware-hdd-fa46c607d6-HPD3-4.1.x86_64.rpm	MM1000JFJTH	HPD3 (D)	HPD3	
565	Online HDD/SDD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVW Drives	firmware-hdd-b8a60f9a-HPD5-2.1.x86_64.rpm	MO000400JWFVN	HPD5 (B)	HPD5	
566	Online HDD/SDD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVW Drives	firmware-hdd-b8a60f9a-HPD5-2.1.x86_64.rpm	MO000800JWFVP	HPD5 (B)	HPD5	
567	Online HDD/SDD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVW Drives	firmware-hdd-b8a60f9a-HPD5-2.1.x86_64.rpm	MO001600JWFVQ	HPD5 (B)	HPD5	

568	Online HDD/SDD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	firmware-hdd-b8a60fbe9a-HPD5-2.1.x86_64.rpm	MO003200JWFVR	HPD5 (B)	HPD5	
569	Online HDD/SDD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	firmware-hdd-b8a60fbe9a-HPD5-2.1.x86_64.rpm	MO000960JWFVT	HPD5 (B)	HPD5	
570	Online HDD/SDD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	firmware-hdd-b8a60fbe9a-HPD5-2.1.x86_64.rpm	MO001920JWFVU	HPD5 (B)	HPD5	
571	Online HDD/SDD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	firmware-hdd-b8a60fbe9a-HPD5-2.1.x86_64.rpm	MO003840JWFVV	HPD5 (B)	HPD5	
572	Online HDD/SDD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd-ef93133161-HPD1-3.1.x86_64.rpm	MO000400JWUFT	HPD1 (C)	HPD1	
573	Online HDD/SDD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd-ef93133161-HPD1-3.1.x86_64.rpm	MO000800JWUFU	HPD1 (C)	HPD1	
574	Online HDD/SDD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd-ef93133161-HPD1-3.1.x86_64.rpm	MO001600JWUFV	HPD1 (C)	HPD1	

575	Online HDD/SDD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd-ef93133161-HPD1-3.1.x86_64.rpm	MO003200JWUGA	HPD1 (C)	HPD1	
576	Online HDD/SDD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd-ef93133161-HPD1-3.1.x86_64.rpm	MO006400JWUGB	HPD1 (C)	HPD1	
577	Online HDD/SDD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd-ef93133161-HPD1-3.1.x86_64.rpm	EO000400JWUGC	HPD1 (C)	HPD1	
578	Online HDD/SDD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd-ef93133161-HPD1-3.1.x86_64.rpm	EO000800JWUGD	HPD1 (C)	HPD1	
579	Online HDD/SDD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd-ef93133161-HPD1-3.1.x86_64.rpm	EO001600JWUGE	HPD1 (C)	HPD1	
580	Online HDD/SDD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPP Drives	firmware-hdd-71af849f3b-HPD3-5.1.x86_64.rpm	EO0800JEFPP	HPD3 (E)	HPD3	
581	Online HDD/SDD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPP Drives	firmware-hdd-71af849f3b-HPD3-5.1.x86_64.rpm	EO0400JEFPE	HPD3 (E)	HPD3	

582	Online HDD/SDD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPF Drives	firmware-hdd-71af849f3b-HPD3-5.1.x86_64.rpm	EO0200JEFPD	HPD3 (E)	HPD3	
583	Online HDD/SDD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPF Drives	firmware-hdd-71af849f3b-HPD3-5.1.x86_64.rpm	MO1600JEFPC	HPD3 (E)	HPD3	
584	Online HDD/SDD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPF Drives	firmware-hdd-71af849f3b-HPD3-5.1.x86_64.rpm	MO0800JEFPB	HPD3 (E)	HPD3	
585	Online HDD/SDD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPF Drives	firmware-hdd-71af849f3b-HPD3-5.1.x86_64.rpm	MO0400JEFPA	HPD3 (E)	HPD3	
586	Online HDD/SDD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPF Drives	firmware-hdd-71af849f3b-HPD3-5.1.x86_64.rpm	MO0200JEFNV	HPD3 (E)	HPD3	
587	Online HDD/SDD Flash Component for Linux (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK, and MO3200JFFCL Drives	firmware-hdd-edf6dcd906-HPD8-1.1.x86_64.rpm	MO0400JFFCF	HPD8	HPD8	
588	Online HDD/SDD Flash Component for Linux (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK, and MO3200JFFCL Drives	firmware-hdd-edf6dcd906-HPD8-1.1.x86_64.rpm	MO0800JFFCH	HPD8	HPD8	
589	Online HDD/SDD Flash Component for Linux (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK, and MO3200JFFCL Drives	firmware-hdd-edf6dcd906-HPD8-1.1.x86_64.rpm	MO1600JFFCK	HPD8	HPD8	
590	Online HDD/SDD Flash Component for Linux (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK, and MO3200JFFCL Drives	firmware-hdd-edf6dcd906-HPD8-1.1.x86_64.rpm	MO3200JFFCL	HPD8	HPD8	

591	Online HDD/SDD Flash Component for Linux (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	firmware-hdd-1e51a57347-HPD8-2.1.x86_64.rpm	VK000960JWSSQ	HPD8 (B)	HPD8	更新
592	Online HDD/SDD Flash Component for Linux (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	firmware-hdd-1e51a57347-HPD8-2.1.x86_64.rpm	VK001920JWSSR	HPD8 (B)	HPD8	更新
593	Online HDD/SDD Flash Component for Linux (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	firmware-hdd-1e51a57347-HPD8-2.1.x86_64.rpm	VK003840JWSST	HPD8 (B)	HPD8	更新
594	Online HDD/SDD Flash Component for Linux (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	firmware-hdd-1e51a57347-HPD8-2.1.x86_64.rpm	VK007680JWSSU	HPD8 (B)	HPD8	更新
595	Online HDD/SDD Flash Component for Linux (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	firmware-hdd-1e51a57347-HPD8-2.1.x86_64.rpm	VO015300JWSSV	HPD8 (B)	HPD8	更新
596	Online HDD/SDD Flash Component for Linux (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	firmware-hdd-2eb810cdd7-HPD8-1.1.x86_64.rpm	VO000480JWDAR	HPD8	HPD8	新規追加
597	Online HDD/SDD Flash Component for Linux (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	firmware-hdd-2eb810cdd7-HPD8-1.1.x86_64.rpm	VO000960JWDAT	HPD8	HPD8	新規追加
598	Online HDD/SDD Flash Component for Linux (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	firmware-hdd-2eb810cdd7-HPD8-1.1.x86_64.rpm	VO001920JWDAU	HPD8	HPD8	新規追加
599	Online HDD/SDD Flash Component for Linux (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	firmware-hdd-2eb810cdd7-HPD8-1.1.x86_64.rpm	VO003840JWDAV	HPD8	HPD8	新規追加

600	Online HDD/SDD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWBK, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTA, EO001600JWTCB Drives	firmware-hdd-9ad359d ac1-HPD7-4.1.x86_64.rpm	VO000960JWBK	HPD7 (D)	HPD7	
601	Online HDD/SDD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWBK, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTA, EO001600JWTCB Drives	firmware-hdd-9ad359d ac1-HPD7-4.1.x86_64.rpm	VO001920JWBK	HPD7 (D)	HPD7	
602	Online HDD/SDD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWBK, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTA, EO001600JWTCB Drives	firmware-hdd-9ad359d ac1-HPD7-4.1.x86_64.rpm	VO003840JWBN	HPD7 (D)	HPD7	
603	Online HDD/SDD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWBK, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTA, EO001600JWTCB Drives	firmware-hdd-9ad359d ac1-HPD7-4.1.x86_64.rpm	VO007680JWBP	HPD7 (D)	HPD7	

604	Online HDD/SDD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWTL, VO003840JWTLN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA, EO001600JWTLCTB Drives	firmware-hdd-9ad359dac1-HPD7-4.1.x86_64.rpm	MO000400JWTLBQ	HPD7 (D)	HPD7	
605	Online HDD/SDD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWTL, VO003840JWTLN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA, EO001600JWTLCTB Drives	firmware-hdd-9ad359dac1-HPD7-4.1.x86_64.rpm	MO000800JWTLBR	HPD7 (D)	HPD7	
606	Online HDD/SDD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWTL, VO003840JWTLN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA, EO001600JWTLCTB Drives	firmware-hdd-9ad359dac1-HPD7-4.1.x86_64.rpm	MO001600JWTLBT	HPD7 (D)	HPD7	
607	Online HDD/SDD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWTL, VO003840JWTLN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA, EO001600JWTLCTB Drives	firmware-hdd-9ad359dac1-HPD7-4.1.x86_64.rpm	MO003200JWTLBU	HPD7 (D)	HPD7	

608	Online HDD/SDD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWTL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTA, EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPD7-4.1.x86_64.rpm	MO006400JWTC	HPD7 (D)	HPD7	
609	Online HDD/SDD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWTL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTA, EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPD7-4.1.x86_64.rpm	EO000400JWBV	HPD7 (D)	HPD7	
610	Online HDD/SDD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWTL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTA, EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPD7-4.1.x86_64.rpm	EO000800JWTA	HPD7 (D)	HPD7	
611	Online HDD/SDD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWTL, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBR, MO001600JWBT, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTA, EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPD7-4.1.x86_64.rpm	EO001600JWTCB	HPD7 (D)	HPD7	

612	Online HDD/SDD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWBK, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBK, MO001600JWBK, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTC, EO001600JWTCB Drives	firmware-hdd-9ad359d ac1-HPD7-4.1.x86_64.rpm	EO003200JWTC	HPD7 (D)	HPD7	
613	Online HDD/SDD Flash Component for Linux (x64) - VO000960JWBK, VO001920JWBK, VO003840JWBN, VO007680JWBP, MO000400JWBQ, MO000800JWBK, MO001600JWBK, MO003200JWBU, MO006400JWTC, EO000400JWBV, EO000800JWTC, EO001600JWTCB Drives	firmware-hdd-9ad359d ac1-HPD7-4.1.x86_64.rpm	MO001920JWW WV	HPD7 (D)	HPD7	
614	Online HDD/SDD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb 2-HPD3-1.1.x86_64.rpm	VO000960RWUEV	HPD3	HPD3	新規追加
615	Online HDD/SDD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb 2-HPD3-1.1.x86_64.rpm	VO001920RWUFA	HPD3	HPD3	新規追加
616	Online HDD/SDD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb 2-HPD3-1.1.x86_64.rpm	VO003840RWUFB	HPD3	HPD3	新規追加
617	Online HDD/SDD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb 2-HPD3-1.1.x86_64.rpm	VO007680RWUFC	HPD3	HPD3	新規追加

618	Online HDD/SDD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb2-HPD3-1.1.x86_64.rpm	VO000960RWUFD	HPD3	HPD3	新規追加
619	Online HDD/SDD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb2-HPD3-1.1.x86_64.rpm	VO001920RWUFE	HPD3	HPD3	新規追加
620	Online HDD/SDD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd-8fafc9efb2-HPD3-1.1.x86_64.rpm	VO003840RWUFF	HPD3	HPD3	新規追加
621	Online HDD/SDD Flash Component for Linux (x64) - VO007680JWCNK and VO015300JWCNL Drives	firmware-hdd-4c048aaeb0-HPD8-1.1.x86_64.rpm	VO007680JWCNK	HPD8	HPD8	新規追加
622	Online HDD/SDD Flash Component for Linux (x64) - VO007680JWCNK and VO015300JWCNL Drives	firmware-hdd-4c048aaeb0-HPD8-1.1.x86_64.rpm	VO015300JWCNL	HPD8	HPD8	新規追加
623	Online HDD/SDD Flash Component for Linux (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV, and VO3840JFDHA Drives	firmware-hdd-8ed8893abd-HPD8-1.1.x86_64.rpm	VO0480JFDGT	HPD8	HPD8	
624	Online HDD/SDD Flash Component for Linux (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV, and VO3840JFDHA Drives	firmware-hdd-8ed8893abd-HPD8-1.1.x86_64.rpm	VO0960JFDGU	HPD8	HPD8	
625	Online HDD/SDD Flash Component for Linux (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV, and VO3840JFDHA Drives	firmware-hdd-8ed8893abd-HPD8-1.1.x86_64.rpm	VO1920JFDGV	HPD8	HPD8	
626	Online HDD/SDD Flash Component for Linux (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV, and VO3840JFDHA Drives	firmware-hdd-8ed8893abd-HPD8-1.1.x86_64.rpm	VO3840JFDHA	HPD8	HPD8	
627	Online HDD/SDD Flash Component for Linux (x64) - VO1920JEUQQ Drives	firmware-hdd-5d9e841607-HPD3-5.1.x86_64.rpm	VO1920JEUQQ	HPD3 (E)	HPD3	
628	Online HDD/SDD Flash Component for VMware ESXi - EG000300JWBHR Drives	CP040530.zip	EG000300JWBHR	HPD4 (B)	HPD4	

629	Online HDD/SDD Flash Component for VMware ESXi - EG000300JWFVB Drives	CP040631.zip	EG000300JWFVB	HPD2 (D)	HPD2	
630	Online HDD/SDD Flash Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drive	CP041563.zip	EG000600JWJNH	HPD2 (B)	HPD2	
631	Online HDD/SDD Flash Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drive	CP041563.zip	EG001200JWJNK	HPD2 (B)	HPD2	
632	Online HDD/SDD Flash Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drive	CP041563.zip	EG000300JWSJP	HPD2 (B)	HPD2	
633	Online HDD/SDD Flash Component for VMware ESXi - EG000600JWEBH and EG000300JWEBF Drives	CP040661.zip	EG000600JWEBH	HPD4 (B)	HPD4	
634	Online HDD/SDD Flash Component for VMware ESXi - EG000600JWEBH and EG000300JWEBF Drives	CP040661.zip	EG000300JWEBF	HPD4 (B)	HPD4	
635	Online HDD/SDD Flash Component for VMware ESXi - EG000600JWFUV and EG001200JWFVA Drives	CP040635.zip	EG000600JWFUV	HPD3 (D)	HPD3	
636	Online HDD/SDD Flash Component for VMware ESXi - EG000600JWFUV and EG001200JWFVA Drives	CP040635.zip	EG001200JWFVA	HPD3 (D)	HPD3	
637	Online HDD/SDD Flash Component for VMware ESXi - EG000600JWJNP and EG001200JWJNQ Drives	CP041692.zip	EG000600JWJNP	HPD3	HPD3	更新
638	Online HDD/SDD Flash Component for VMware ESXi - EG000600JWJNP and EG001200JWJNQ Drives	CP041692.zip	EG001200JWJNQ	HPD3	HPD3	更新
639	Online HDD/SDD Flash Component for VMware ESXi - EG001800JWFVC Drives	CP040556.zip	EG001800JWFVC	HPD3 (B)	HPD3	
640	Online HDD/SDD Flash Component for VMware ESXi - EG001800JWJNL and EG002400JWJNN Drive	CP041560.zip	EG001800JWJNL	HPD2 (B)	HPD2	
641	Online HDD/SDD Flash Component for VMware ESXi - EG001800JWJNL and EG002400JWJNN Drive	CP041560.zip	EG002400JWJNN	HPD2 (B)	HPD2	
642	Online HDD/SDD Flash Component for VMware ESXi - EG001800JWJNR and EG002400JWJNT Drives	CP041695.zip	EG001800JWJNR	HPD5	HPD5	更新
643	Online HDD/SDD Flash Component for VMware ESXi - EG001800JWJNR and EG002400JWJNT Drives	CP041695.zip	EG002400JWJNT	HPD5	HPD5	更新
644	Online HDD/SDD Flash Component for VMware ESXi - EG0300FCSPH, EG0450FCSPK, EG0600FCSP, and EG0900FCSPN Drives	CP040531.zip	EG0300FCSPH	HPD2 (E)	HPD2	

645	Online HDD/SDD Flash Component for VMware ESXi - EG0300FCSPH, EG0450FCSPK, EG0600FCSP, and EG0900FCSPN Drives	CP040531.zip	EG0450FCSPK	HPD2 (E)	HPD2	
646	Online HDD/SDD Flash Component for VMware ESXi - EG0300FCSPH, EG0450FCSPK, EG0600FCSP, and EG0900FCSPN Drives	CP040531.zip	EG0600FCSP	HPD2 (E)	HPD2	
647	Online HDD/SDD Flash Component for VMware ESXi - EG0300FCSPH, EG0450FCSPK, EG0600FCSP, and EG0900FCSPN Drives	CP040531.zip	EG0900FCSPN	HPD2 (E)	HPD2	
648	Online HDD/SDD Flash Component for VMware ESXi - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	CP040614.zip	EG0300JEHLV	HPD5 (F)	HPD5	
649	Online HDD/SDD Flash Component for VMware ESXi - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	CP040614.zip	EG0600JEHMA	HPD5 (F)	HPD5	
650	Online HDD/SDD Flash Component for VMware ESXi - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	CP040614.zip	EG0900JEHMB	HPD5 (F)	HPD5	
651	Online HDD/SDD Flash Component for VMware ESXi - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	CP040614.zip	EG1200JEHMC	HPD5 (F)	HPD5	
652	Online HDD/SDD Flash Component for VMware ESXi - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB, and EG1200JEMDA Drives	CP039426.zip	EG0600JEMCV	HPD6 (E)	HPD6	
653	Online HDD/SDD Flash Component for VMware ESXi - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB, and EG1200JEMDA Drives	CP039426.zip	EG1200JEMDA	HPD6 (E)	HPD6	
654	Online HDD/SDD Flash Component for VMware ESXi - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB, and EG1200JEMDA Drives	CP039426.zip	EG0300JFCKA	HPD6 (E)	HPD6	
655	Online HDD/SDD Flash Component for VMware ESXi - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB, and EG1200JEMDA Drives	CP039426.zip	EG0900JFCKB	HPD6 (E)	HPD6	
656	Online HDD/SDD Flash Component for VMware ESXi - EG0600JETKA, EG0900JETKB, and EG1200JETKC Drives	CP040504.zip	EG0600JETKA	HPD7 (B)	HPD7	

657	Online HDD/SDD Flash Component for VMware ESXi - EG0600JETKA, EG0900JETKB, and EG1200JETKC Drives	CP040504.zip	EG0900JETKB	HPD7 (B)	HPD7	
658	Online HDD/SDD Flash Component for VMware ESXi - EG0600JETKA, EG0900JETKB, and EG1200JETKC Drives	CP040504.zip	EG1200JETKC	HPD7 (B)	HPD7	
659	Online HDD/SDD Flash Component for VMware ESXi - EG1800JEHMD Drive	CP040624.zip	EG1800JEHMD	HPD6 (F)	HPD6	
660	Online HDD/SDD Flash Component for VMware ESXi - EG1800JEMDB Drives	CP040573.zip	EG1800JEMDB	HPD5 (E)	HPD5	
661	Online HDD/SDD Flash Component for VMware ESXi - EG1800JFHMH Drives	CP040626.zip	EG1800JFHMH	HPD7 (D)	HPD7	
662	Online HDD/SDD Flash Component for VMware ESXi - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	CP040541.zip	EH000300JWCPK	HPD5 (B)	HPD5	
663	Online HDD/SDD Flash Component for VMware ESXi - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	CP040541.zip	EH000600JWCPL	HPD5 (B)	HPD5	
664	Online HDD/SDD Flash Component for VMware ESXi - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	CP040541.zip	EH000900JWCPN	HPD5 (B)	HPD5	
665	Online HDD/SDD Flash Component for VMware ESXi - EH000600JWCPF and EH000900JWCPH Drives	CP040536.zip	EH000900JWCPH	HPD7 (B)	HPD7	
666	Online HDD/SDD Flash Component for VMware ESXi - EH000600JWCPF and EH000900JWCPH Drives	CP040536.zip	EH000600JWCPF	HPD7 (B)	HPD7	
667	Online HDD/SDD Flash Component for VMware ESXi - EH000900JWHPK and EH000600JWHPH Drives	CP041671.zip	EH000900JWHPK	HPD4	HPD4	更新
668	Online HDD/SDD Flash Component for VMware ESXi - EH000900JWHPK and EH000600JWHPH Drives	CP041671.zip	EH000600JWHPH	HPD4	HPD4	更新
669	Online HDD/SDD Flash Component for VMware ESXi - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	CP041673.zip	EH000900JWHPP	HPD4	HPD4	更新
670	Online HDD/SDD Flash Component for VMware ESXi - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	CP041673.zip	EH000600JWHPN	HPD4	HPD4	更新
671	Online HDD/SDD Flash Component for VMware ESXi - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	CP041673.zip	EH000300JWHPL	HPD4	HPD4	更新

672	Online HDD/SDD Flash Component for VMware ESXi - EH0300JDXBA, EH0450JDXBB, and EH0600JDXBC Drives	CP039429.zip	EH0300JDXBA	HPD5 (E)	HPD5	
673	Online HDD/SDD Flash Component for VMware ESXi - EH0300JDXBA, EH0450JDXBB, and EH0600JDXBC Drives	CP039429.zip	EH0450JDXBB	HPD5 (E)	HPD5	
674	Online HDD/SDD Flash Component for VMware ESXi - EH0300JDXBA, EH0450JDXBB, and EH0600JDXBC Drives	CP039429.zip	EH0600JDXBC	HPD5 (E)	HPD5	
675	Online HDD/SDD Flash Component for VMware ESXi - EH0300JDYTH, EH0450JDYTK, and EH0600JDYTL Drives	CP040625.zip	EH0300JDYTH	HPD6 (F)	HPD6	
676	Online HDD/SDD Flash Component for VMware ESXi - EH0300JDYTH, EH0450JDYTK, and EH0600JDYTL Drives	CP040625.zip	EH0450JDYTK	HPD6 (F)	HPD6	
677	Online HDD/SDD Flash Component for VMware ESXi - EH0300JDYTH, EH0450JDYTK, and EH0600JDYTL Drives	CP040625.zip	EH0600JDYTL	HPD6 (F)	HPD6	
678	Online HDD/SDD Flash Component for VMware ESXi - EH0300JEDHC, EH0450JEDHD, and EH0600JEDHE Drives	CP039423.zip	EH0300JEDHC	HPD4 (F)	HPD4	
679	Online HDD/SDD Flash Component for VMware ESXi - EH0300JEDHC, EH0450JEDHD, and EH0600JEDHE Drives	CP039423.zip	EH0450JEDHD	HPD4 (F)	HPD4	
680	Online HDD/SDD Flash Component for VMware ESXi - EH0300JEDHC, EH0450JEDHD, and EH0600JEDHE Drives	CP039423.zip	EH0600JEDHE	HPD4 (F)	HPD4	
681	Online HDD/SDD Flash Component for VMware ESXi - EH0600JDYTN Drive	CP040688.zip	EH0600JDYTN	HPD7 (D)	HPD7	
682	Online HDD/SDD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP040645.zip	EO000400JWDKP	HPD2 (B)	HPD2	
683	Online HDD/SDD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP040645.zip	EO000800JWDKQ	HPD2 (B)	HPD2	

684	Online HDD/SDD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP040645.zip	EO001600JWDKR	HPD2 (B)	HPD2	
685	Online HDD/SDD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP040645.zip	MO000400JWDK U	HPD2 (B)	HPD2	
686	Online HDD/SDD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP040645.zip	MO000800JWDK V	HPD2 (B)	HPD2	
687	Online HDD/SDD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP040645.zip	MO001600JWDLA	HPD2 (B)	HPD2	
688	Online HDD/SDD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP040645.zip	MO003200JWDLB	HPD2 (B)	HPD2	
689	Online HDD/SDD Flash Component for VMware ESXi - MB002000JWFPV and MB004000JWFVP Drives	CP041752.zip	MB002000JWFPV	HPD3	HPD3	更新
690	Online HDD/SDD Flash Component for VMware ESXi - MB002000JWFPV and MB004000JWFVP Drives	CP041752.zip	MB004000JWFVP	HPD3	HPD3	更新
691	Online HDD/SDD Flash Component for VMware ESXi - MB004000JWFVK and MB006000JWFVL Drives	CP041749.zip	MB004000JWFVK	HPD3	HPD3	更新
692	Online HDD/SDD Flash Component for VMware ESXi - MB004000JWFVK and MB006000JWFVL Drives	CP041749.zip	MB006000JWFVL	HPD3	HPD3	更新
693	Online HDD/SDD Flash Component for VMware ESXi - MB004000JWKGU Drive	CP041492.zip	MB004000JWKGU	HPD1 (B)	HPD1	

694	Online HDD/SDD Flash Component for VMware ESXi - MB006000JWKGN Drive	CP041489.zip	MB006000JWKGN	HPD1 (B)	HPD1	
695	Online HDD/SDD Flash Component for VMware ESXi - MB008000JWJRQ and MB006000JWJRP Drives	CP040693.zip	MB008000JWJRQ	HPD4 (B)	HPD4	
696	Online HDD/SDD Flash Component for VMware ESXi - MB008000JWJRQ and MB006000JWJRP Drives	CP040693.zip	MB006000JWJRP	HPD4 (B)	HPD4	
697	Online HDD/SDD Flash Component for VMware ESXi - MB008000JWRTD Drive	CP041478.zip	MB008000JWRTD	HPD1 (B)	HPD1	
698	Online HDD/SDD Flash Component for VMware ESXi - MB010000JWAYK and MB008000JWAYH Drives	CP040637.zip	MB010000JWAYK	HPD5 (C)	HPD5	
699	Online HDD/SDD Flash Component for VMware ESXi - MB010000JWAYK and MB008000JWAYH Drives	CP040637.zip	MB008000JWAYH	HPD5 (C)	HPD5	
700	Online HDD/SDD Flash Component for VMware ESXi - MB012000JWDFD Drives	CP040682.zip	MB012000JWDFD	HPD2 (C)	HPD2	
701	Online HDD/SDD Flash Component for VMware ESXi - MB014000JWUDB Drive	CP041510.zip	MB014000JWUDB	HPD2 (B)	HPD2	
702	Online HDD/SDD Flash Component for VMware ESXi - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	CP040660.zip	MB1000JVYZL	HPD3 (B)	HPD3	
703	Online HDD/SDD Flash Component for VMware ESXi - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	CP040660.zip	MB2000JVYZN	HPD3 (B)	HPD3	
704	Online HDD/SDD Flash Component for VMware ESXi - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	CP040660.zip	MB3000JVYZP	HPD3 (B)	HPD3	
705	Online HDD/SDD Flash Component for VMware ESXi - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	CP040660.zip	MB4000JVYZQ	HPD3 (B)	HPD3	
706	Online HDD/SDD Flash Component for VMware ESXi - MB2000JFDSL and MB4000JFDSN Drives	CP040513.zip	MB2000JFDSL	HPD4 (E)	HPD4	
707	Online HDD/SDD Flash Component for VMware ESXi - MB2000JFDSL and MB4000JFDSN Drives	CP040513.zip	MB4000JFDSN	HPD4 (E)	HPD4	
708	Online HDD/SDD Flash Component for VMware ESXi - MB2000JFEML and MB4000JFEMN Drives	CP040640.zip	MB2000JFEML	HPD6 (E)	HPD6	
709	Online HDD/SDD Flash Component for VMware ESXi - MB2000JFEML and MB4000JFEMN Drives	CP040640.zip	MB4000JFEMN	HPD6 (E)	HPD6	

710	Online HDD/SDD Flash Component for VMware ESXi - MB2000JFEPA and MB4000JFEPB Drives	CP040514.zip	MB2000JFEPA	HPD5 (E)	HPD5	
711	Online HDD/SDD Flash Component for VMware ESXi - MB2000JFEPA and MB4000JFEPB Drives	CP040514.zip	MB4000JFEPB	HPD5 (E)	HPD5	
712	Online HDD/SDD Flash Component for VMware ESXi - MB4000JEFNC and MB6000JEFND Drives	CP039427.zip	MB4000JEFNC	HPD9 (E)	HPD9	
713	Online HDD/SDD Flash Component for VMware ESXi - MB4000JEFNC and MB6000JEFND Drives	CP039427.zip	MB6000JEFND	HPD9 (E)	HPD9	
714	Online HDD/SDD Flash Component for VMware ESXi - MB4000JEQNL and MB6000JEQNN Drives	CP039424.zip	MB4000JEQNL	HPDB (E)	HPDB	
715	Online HDD/SDD Flash Component for VMware ESXi - MB4000JEQNL and MB6000JEQNN Drives	CP039424.zip	MB6000JEQNN	HPDB (E)	HPDB	
716	Online HDD/SDD Flash Component for VMware ESXi - MB4000JEXYA and MB6000JEXYB Drives	CP040533.zip	MB4000JEXYA	HPD9 (B)	HPD9	
717	Online HDD/SDD Flash Component for VMware ESXi - MB4000JEXYA and MB6000JEXYB Drives	CP040533.zip	MB6000JEXYB	HPD9 (B)	HPD9	
718	Online HDD/SDD Flash Component for VMware ESXi - MB6000JEQUV and MB8000JEQVA Drives	CP040519.zip	MB6000JEQUV	HPDB (E)	HPDB	
719	Online HDD/SDD Flash Component for VMware ESXi - MB6000JEQUV and MB8000JEQVA Drives	CP040519.zip	MB8000JEQVA	HPDB (E)	HPDB	
720	Online HDD/SDD Flash Component for VMware ESXi - MB6000JVYYV Drives	CP040534.zip	MB6000JVYYV	HPD2 (E)	HPD2	
721	Online HDD/SDD Flash Component for VMware ESXi - MB6000JVYZD and MB4000JVYZC Drives	CP040636.zip	MB6000JVYZD	HPD4 (B)	HPD4	
722	Online HDD/SDD Flash Component for VMware ESXi - MB6000JVYZD and MB4000JVYZC Drives	CP040636.zip	MB4000JVYZC	HPD4 (B)	HPD4	
723	Online HDD/SDD Flash Component for VMware ESXi - MB8000JFECQ Drives	CP040532.zip	MB8000JFECQ	HPD7 (D)	HPD7	
724	Online HDD/SDD Flash Component for VMware ESXi - MM1000JEFRB and MM2000JEFRC Drives	CP038874.zip	MM1000JEFRB	HPD8 (D)	HPD8	
725	Online HDD/SDD Flash Component for VMware ESXi - MM1000JEFRB and MM2000JEFRC Drives	CP038874.zip	MM2000JEFRC	HPD8 (D)	HPD8	
726	Online HDD/SDD Flash Component for VMware ESXi - MM1000JFJTH Drives	CP040517.zip	MM1000JFJTH	HPD3 (D)	HPD3	

727	Online HDD/SDD Flash Component for VMware ESXi - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	CP041422.zip	MO000400JWFVN	HPD5 (B)	HPD5	
728	Online HDD/SDD Flash Component for VMware ESXi - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	CP041422.zip	MO000800JWFVP	HPD5 (B)	HPD5	
729	Online HDD/SDD Flash Component for VMware ESXi - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	CP041422.zip	MO001600JWFVQ	HPD5 (B)	HPD5	
730	Online HDD/SDD Flash Component for VMware ESXi - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	CP041422.zip	MO003200JWFVR	HPD5 (B)	HPD5	
731	Online HDD/SDD Flash Component for VMware ESXi - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	CP041422.zip	MO000960JWFVT	HPD5 (B)	HPD5	
732	Online HDD/SDD Flash Component for VMware ESXi - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	CP041422.zip	MO001920JWFVU	HPD5 (B)	HPD5	
733	Online HDD/SDD Flash Component for VMware ESXi - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	CP041422.zip	MO003840JWFVV	HPD5 (B)	HPD5	

734	Online HDD/SDD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP040692.zip	MO000400JWUFT	HPD1 (B)	HPD1	
735	Online HDD/SDD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP040692.zip	MO000800JWUFU	HPD1 (B)	HPD1	
736	Online HDD/SDD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP040692.zip	MO001600JWUFV	HPD1 (B)	HPD1	
737	Online HDD/SDD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP040692.zip	MO003200JWUGA	HPD1 (B)	HPD1	
738	Online HDD/SDD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP040692.zip	MO006400JWUGB	HPD1 (B)	HPD1	
739	Online HDD/SDD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP040692.zip	EO000400JWUGC	HPD1 (B)	HPD1	

740	Online HDD/SDD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP040692.zip	EO000800JWUGD	HPD1 (B)	HPD1	
741	Online HDD/SDD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP040692.zip	EO001600JWUGE	HPD1 (B)	HPD1	
742	Online HDD/SDD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPF Drives	CP039420.zip	EO0800JEFPF	HPD3 (E)	HPD3	
743	Online HDD/SDD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPF Drives	CP039420.zip	EO0400JEFPE	HPD3 (E)	HPD3	
744	Online HDD/SDD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPF Drives	CP039420.zip	EO0200JEFPD	HPD3 (E)	HPD3	
745	Online HDD/SDD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPF Drives	CP039420.zip	MO1600JEFPC	HPD3 (E)	HPD3	
746	Online HDD/SDD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPF Drives	CP039420.zip	MO0800JEFPB	HPD3 (E)	HPD3	

747	Online HDD/SDD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPF Drives	CP039420.zip	MO0400JEFPA	HPD3 (E)	HPD3	
748	Online HDD/SDD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPF Drives	CP039420.zip	MO0200JEFNV	HPD3 (E)	HPD3	
749	Online HDD/SDD Flash Component for VMware ESXi - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK, and MO3200JFFCL Drives	CP042215.zip	MO0400JFFCF	HPD8	HPD8	
750	Online HDD/SDD Flash Component for VMware ESXi - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK, and MO3200JFFCL Drives	CP042215.zip	MO0800JFFCH	HPD8	HPD8	
751	Online HDD/SDD Flash Component for VMware ESXi - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK, and MO3200JFFCL Drives	CP042215.zip	MO1600JFFCK	HPD8	HPD8	
752	Online HDD/SDD Flash Component for VMware ESXi - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK, and MO3200JFFCL Drives	CP042215.zip	MO3200JFFCL	HPD8	HPD8	
753	Online HDD/SDD Flash Component for VMware ESXi - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	CP042469.zip	VK000960JWSSQ	HPD8	HPD8	更新
754	Online HDD/SDD Flash Component for VMware ESXi - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	CP042469.zip	VK001920JWSSR	HPD8	HPD8	更新
755	Online HDD/SDD Flash Component for VMware ESXi - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	CP042469.zip	VK003840JWSST	HPD8	HPD8	更新

756	Online HDD/SDD Flash Component for VMware ESXi - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	CP042469.zip	VK007680JWSSU	HPD8	HPD8	更新
757	Online HDD/SDD Flash Component for VMware ESXi - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	CP042469.zip	VO015300JWSSV	HPD8	HPD8	更新
758	Online HDD/SDD Flash Component for VMware ESXi - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	CP042629.zip	VO000480JWDAR	HPD8	HPD8	新規追加
759	Online HDD/SDD Flash Component for VMware ESXi - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	CP042629.zip	VO000960JWDAT	HPD8	HPD8	新規追加
760	Online HDD/SDD Flash Component for VMware ESXi - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	CP042629.zip	VO001920JWDAU	HPD8	HPD8	新規追加
761	Online HDD/SDD Flash Component for VMware ESXi - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	CP042629.zip	VO003840JWDAV	HPD8	HPD8	新規追加
762	Online HDD/SDD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTR, MO001600JWTR, MO003200JWTR, MO006400JWTR, EO000400JWTR, EO000800JWTR, EO001600JWTR Drives	CP040758.zip	VO000960JWTBK	HPD7 (B)	HPD7	
763	Online HDD/SDD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTR, MO001600JWTR, MO003200JWTR, MO006400JWTR, EO000400JWTR, EO000800JWTR, EO001600JWTR Drives	CP040758.zip	VO001920JWTBL	HPD7 (B)	HPD7	

764	Online HDD/SDD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA, EO001600JWTKC Drives	CP040758.zip	VO003840JWTKN	HPD7 (B)	HPD7	
765	Online HDD/SDD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA, EO001600JWTKC Drives	CP040758.zip	VO007680JWTKP	HPD7 (B)	HPD7	
766	Online HDD/SDD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA, EO001600JWTKC Drives	CP040758.zip	MO000400JWTKQ	HPD7 (B)	HPD7	
767	Online HDD/SDD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA, EO001600JWTKC Drives	CP040758.zip	MO000800JWTKR	HPD7 (B)	HPD7	

768	Online HDD/SDD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA, EO001600JWTKC Drives	CP040758.zip	MO001600JWTKT	HPD7 (B)	HPD7	
769	Online HDD/SDD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA, EO001600JWTKC Drives	CP040758.zip	MO003200JWTKU	HPD7 (B)	HPD7	
770	Online HDD/SDD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA, EO001600JWTKC Drives	CP040758.zip	MO006400JWTKD	HPD7 (B)	HPD7	
771	Online HDD/SDD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA, EO001600JWTKC Drives	CP040758.zip	EO000400JWTKV	HPD7 (B)	HPD7	

772	Online HDD/SDD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA, EO001600JWTKC Drives	CP040758.zip	EO000800JWTKA	HPD7 (B)	HPD7	
773	Online HDD/SDD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA, EO001600JWTKC Drives	CP040758.zip	EO001600JWTKC	HPD7 (B)	HPD7	
774	Online HDD/SDD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA, EO001600JWTKC Drives	CP040758.zip	EO003200JWTKC	HPD7 (B)	HPD7	
775	Online HDD/SDD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA, EO001600JWTKC Drives	CP040758.zip	MO001920JWW WV	HPD7 (B)	HPD7	
776	Online HDD/SDD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP041554.zip	VO000960RWUEV	HPD3	HPD3	新規追加

777	Online HDD/SDD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP041554.zip	VO001920RWUFA	HPD3	HPD3	新規追加
778	Online HDD/SDD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP041554.zip	VO003840RWUFB	HPD3	HPD3	新規追加
779	Online HDD/SDD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP041554.zip	VO007680RWUFC	HPD3	HPD3	新規追加
780	Online HDD/SDD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP041554.zip	VO000960RWUFD	HPD3	HPD3	新規追加
781	Online HDD/SDD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP041554.zip	VO001920RWUFE	HPD3	HPD3	新規追加
782	Online HDD/SDD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP041554.zip	VO003840RWUFF	HPD3	HPD3	新規追加
783	Online HDD/SDD Flash Component for VMware ESXi - VO007680JWCNK and VO015300JWCNL Drives	CP042626.zip	VO007680JWCNK	HPD8	HPD8	新規追加
784	Online HDD/SDD Flash Component for VMware ESXi - VO007680JWCNK and VO015300JWCNL Drives	CP042626.zip	VO015300JWCNL	HPD8	HPD8	新規追加

785	Online HDD/SDD Flash Component for VMware ESXi - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV, and VO3840JFDHA Drives	CP042219.zip	VO0480JFDGT	HPD8	HPD8	
786	Online HDD/SDD Flash Component for VMware ESXi - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV, and VO3840JFDHA Drives	CP042219.zip	VO0960JFDGU	HPD8	HPD8	
787	Online HDD/SDD Flash Component for VMware ESXi - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV, and VO3840JFDHA Drives	CP042219.zip	VO1920JFDGV	HPD8	HPD8	
788	Online HDD/SDD Flash Component for VMware ESXi - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV, and VO3840JFDHA Drives	CP042219.zip	VO3840JFDHA	HPD8	HPD8	
789	Online HDD/SDD Flash Component for VMware ESXi - VO1920JEUQQ Drives	CP040555.zip	VO1920JEUQQ	HPD3 (E)	HPD3	
790	Online HDD/SDD Flash Component for VMware ESXi -MB014000JWRTH, MB012000JWRTE and MB010000JWRTE Drives	CP041451.zip	MB014000JWRTH	HPD2 (B)	HPD2	
791	Online HDD/SDD Flash Component for VMware ESXi -MB014000JWRTH, MB012000JWRTE and MB010000JWRTE Drives	CP041451.zip	MB012000JWRTE	HPD2 (B)	HPD2	
792	Online HDD/SDD Flash Component for VMware ESXi -MB014000JWRTH, MB012000JWRTE and MB010000JWRTE Drives	CP041451.zip	MB010000JWRTE	HPD2 (B)	HPD2	
793	Online HDD/SDD Flash Component for Windows (x64) - EG000300JWBHR Drives	cp040419.exe	EG000300JWBHR	HPD4 (B)	HPD4	
794	Online HDD/SDD Flash Component for Windows (x64) - EG000300JWFVB Drives	cp040455.exe	EG000300JWFVB	HPD2 (C)	HPD2	
795	Online HDD/SDD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drive	cp041565.exe	EG000300JWSJP	HPD2 (B)	HPD2	
796	Online HDD/SDD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drive	cp041565.exe	EG000600JWJNH	HPD2 (B)	HPD2	
797	Online HDD/SDD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drive	cp041565.exe	EG001200JWJNK	HPD2 (B)	HPD2	

798	Online HDD/SDD Flash Component for Windows (x64) - EG000600JWEBH and EG000300JWEBF Drives	cp040475.exe	EG000600JWEBH	HPD4 (B)	HPD4	
799	Online HDD/SDD Flash Component for Windows (x64) - EG000600JWEBH and EG000300JWEBF Drives	cp040475.exe	EG000300JWEBF	HPD4 (B)	HPD4	
800	Online HDD/SDD Flash Component for Windows (x64) - EG000600JWFUV and EG001200JWFVA Drives	cp040454.exe	EG000600JWFUV	HPD3 (C)	HPD3	
801	Online HDD/SDD Flash Component for Windows (x64) - EG000600JWFUV and EG001200JWFVA Drives	cp040454.exe	EG001200JWFVA	HPD3 (C)	HPD3	
802	Online HDD/SDD Flash Component for Windows (x64) - EG000600JWJNP and EG001200JWJNQ Drives	cp041694.exe	EG000600JWJNP	HPD3	HPD3	更新
803	Online HDD/SDD Flash Component for Windows (x64) - EG000600JWJNP and EG001200JWJNQ Drives	cp041694.exe	EG001200JWJNQ	HPD3	HPD3	更新
804	Online HDD/SDD Flash Component for Windows (x64) - EG001800JWFVC Drives	cp040433.exe	EG001800JWFVC	HPD3 (B)	HPD3	
805	Online HDD/SDD Flash Component for Windows (x64) - EG001800JWJNL and EG002400JWJNN Drive	cp041562.exe	EG001800JWJNL	HPD2 (B)	HPD2	
806	Online HDD/SDD Flash Component for Windows (x64) - EG001800JWJNL and EG002400JWJNN Drive	cp041562.exe	EG002400JWJNN	HPD2 (B)	HPD2	
807	Online HDD/SDD Flash Component for Windows (x64) - EG001800JWJNR and EG002400JWJNT Drives	cp041697.exe	EG001800JWJNR	HPD5	HPD5	更新
808	Online HDD/SDD Flash Component for Windows (x64) - EG001800JWJNR and EG002400JWJNT Drives	cp041697.exe	EG002400JWJNT	HPD5	HPD5	更新
809	Online HDD/SDD Flash Component for Windows (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSP, and EG0900FCSPN Drives	cp040420.exe	EG0300FCSPH	HPD2 (D)	HPD2	
810	Online HDD/SDD Flash Component for Windows (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSP, and EG0900FCSPN Drives	cp040420.exe	EG0450FCSPK	HPD2 (D)	HPD2	
811	Online HDD/SDD Flash Component for Windows (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSP, and EG0900FCSPN Drives	cp040420.exe	EG0600FCSP	HPD2 (D)	HPD2	
812	Online HDD/SDD Flash Component for Windows (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSP, and EG0900FCSPN Drives	cp040420.exe	EG0900FCSPN	HPD2 (D)	HPD2	

813	Online HDD/SDD Flash Component for Windows (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	cp040434.exe	EG0300JEHLV	HPD5 (E)	HPD5	
814	Online HDD/SDD Flash Component for Windows (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	cp040434.exe	EG0600JEHMA	HPD5 (E)	HPD5	
815	Online HDD/SDD Flash Component for Windows (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	cp040434.exe	EG0900JEHMB	HPD5 (E)	HPD5	
816	Online HDD/SDD Flash Component for Windows (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	cp040434.exe	EG1200JEHMC	HPD5 (E)	HPD5	
817	Online HDD/SDD Flash Component for Windows (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB, and EG1200JEMDA Drives	cp040396.exe	EG0600JEMCV	HPD6 (D)	HPD6	
818	Online HDD/SDD Flash Component for Windows (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB, and EG1200JEMDA Drives	cp040396.exe	EG1200JEMDA	HPD6 (D)	HPD6	
819	Online HDD/SDD Flash Component for Windows (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB, and EG1200JEMDA Drives	cp040396.exe	EG0300JFCKA	HPD6 (D)	HPD6	
820	Online HDD/SDD Flash Component for Windows (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB, and EG1200JEMDA Drives	cp040396.exe	EG0900JFCKB	HPD6 (D)	HPD6	
821	Online HDD/SDD Flash Component for Windows (x64) - EG0600JETKA, EG0900JETKB, and EG1200JETKC Drives	cp040401.exe	EG0600JETKA	HPD7 (B)	HPD7	
822	Online HDD/SDD Flash Component for Windows (x64) - EG0600JETKA, EG0900JETKB, and EG1200JETKC Drives	cp040401.exe	EG0900JETKB	HPD7 (B)	HPD7	
823	Online HDD/SDD Flash Component for Windows (x64) - EG0600JETKA, EG0900JETKB, and EG1200JETKC Drives	cp040401.exe	EG1200JETKC	HPD7 (B)	HPD7	
824	Online HDD/SDD Flash Component for Windows (x64) - EG1800JEHMD Drive	cp040442.exe	EG1800JEHMD	HPD6 (E)	HPD6	
825	Online HDD/SDD Flash Component for Windows (x64) - EG1800JEMDB Drives	cp040571.exe	EG1800JEMDB	HPD5 (D)	HPD5	

826	Online HDD/SDD Flash Component for Windows (x64) - EG1800JFHMH Drives	cp040444.exe	EG1800JFHMH	HPD7 (D)	HPD7	
827	Online HDD/SDD Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	cp040427.exe	EH000300JWCPK	HPD5 (B)	HPD5	
828	Online HDD/SDD Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	cp040427.exe	EH000600JWCPL	HPD5 (B)	HPD5	
829	Online HDD/SDD Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	cp040427.exe	EH000900JWCPN	HPD5 (B)	HPD5	
830	Online HDD/SDD Flash Component for Windows (x64) - EH000600JWCPF and EH000900JWCPH Drives	cp040425.exe	EH000900JWCPH	HPD7 (B)	HPD7	
831	Online HDD/SDD Flash Component for Windows (x64) - EH000600JWCPF and EH000900JWCPH Drives	cp040425.exe	EH000600JWCPF	HPD7 (B)	HPD7	
832	Online HDD/SDD Flash Component for Windows (x64) - EH000900JWHPK and EH000600JWHPH Drives	cp041667.exe	EH000900JWHPK	HPD4	HPD4	更新
833	Online HDD/SDD Flash Component for Windows (x64) - EH000900JWHPK and EH000600JWHPH Drives	cp041667.exe	EH000600JWHPH	HPD4	HPD4	更新
834	Online HDD/SDD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	cp041668.exe	EH000900JWHPP	HPD4	HPD4	更新
835	Online HDD/SDD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	cp041668.exe	EH000600JWHPN	HPD4	HPD4	更新
836	Online HDD/SDD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	cp041668.exe	EH000300JWHPL	HPD4	HPD4	更新
837	Online HDD/SDD Flash Component for Windows (x64) - EH0300JDXBA, EH0450JDXBB, and EH0600JDXBC Drives	cp040399.exe	EH0300JDXBA	HPD5 (D)	HPD5	
838	Online HDD/SDD Flash Component for Windows (x64) - EH0300JDXBA, EH0450JDXBB, and EH0600JDXBC Drives	cp040399.exe	EH0450JDXBB	HPD5 (D)	HPD5	
839	Online HDD/SDD Flash Component for Windows (x64) - EH0300JDXBA, EH0450JDXBB, and EH0600JDXBC Drives	cp040399.exe	EH0600JDXBC	HPD5 (D)	HPD5	

840	Online HDD/SDD Flash Component for Windows (x64) - EH0300JDYTH, EH0450JDYTK, and EH0600JDYTL Drives	cp040443.exe	EH0300JDYTH	HPD6 (E)	HPD6	
841	Online HDD/SDD Flash Component for Windows (x64) - EH0300JDYTH, EH0450JDYTK, and EH0600JDYTL Drives	cp040443.exe	EH0450JDYTK	HPD6 (E)	HPD6	
842	Online HDD/SDD Flash Component for Windows (x64) - EH0300JDYTH, EH0450JDYTK, and EH0600JDYTL Drives	cp040443.exe	EH0600JDYTL	HPD6 (E)	HPD6	
843	Online HDD/SDD Flash Component for Windows (x64) - EH0300JEDHC, EH0450JEDHD, and EH0600JEDHE Drives	cp040389.exe	EH0300JEDHC	HPD4 (F)	HPD4	
844	Online HDD/SDD Flash Component for Windows (x64) - EH0300JEDHC, EH0450JEDHD, and EH0600JEDHE Drives	cp040389.exe	EH0450JEDHD	HPD4 (F)	HPD4	
845	Online HDD/SDD Flash Component for Windows (x64) - EH0300JEDHC, EH0450JEDHD, and EH0600JEDHE Drives	cp040389.exe	EH0600JEDHE	HPD4 (F)	HPD4	
846	Online HDD/SDD Flash Component for Windows (x64) - EH0600JDYTN Drive	cp040468.exe	EH0600JDYTN	HPD7 (C)	HPD7	
847	Online HDD/SDD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp040450.exe	EO000400JWDKP	HPD2 (B)	HPD2	
848	Online HDD/SDD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp040450.exe	EO000800JWDKQ	HPD2 (B)	HPD2	
849	Online HDD/SDD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp040450.exe	EO001600JWDKR	HPD2 (B)	HPD2	

850	Online HDD/SDD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp040450.exe	MO000400JWDK U	HPD2 (B)	HPD2	
851	Online HDD/SDD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp040450.exe	MO000800JWDK V	HPD2 (B)	HPD2	
852	Online HDD/SDD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp040450.exe	MO001600JWDLA	HPD2 (B)	HPD2	
853	Online HDD/SDD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp040450.exe	MO003200JWDLB	HPD2 (B)	HPD2	
854	Online HDD/SDD Flash Component for Windows (x64) - MB002000JWFVN and MB004000JWFVP Drives	cp041754.exe	MB002000JWFVN	HPD3	HPD3	更新
855	Online HDD/SDD Flash Component for Windows (x64) - MB002000JWFVN and MB004000JWFVP Drives	cp041754.exe	MB004000JWFVP	HPD3	HPD3	更新
856	Online HDD/SDD Flash Component for Windows (x64) - MB004000JWFVK and MB006000JWFVL Drives	cp041751.exe	MB004000JWFVK	HPD3	HPD3	更新
857	Online HDD/SDD Flash Component for Windows (x64) - MB004000JWFVK and MB006000JWFVL Drives	cp041751.exe	MB006000JWFVL	HPD3	HPD3	更新
858	Online HDD/SDD Flash Component for Windows (x64) - MB004000JWKGU Drive	cp041490.exe	MB004000JWKGU	HPD1 (B)	HPD1	
859	Online HDD/SDD Flash Component for Windows (x64) - MB006000JWKGN Drive	cp041487.exe	MB006000JWKGN	HPD1 (B)	HPD1	
860	Online HDD/SDD Flash Component for Windows (x64) - MB008000JWJRQ and MB006000JWJRP Drives	cp040480.exe	MB008000JWJRQ	HPD4 (B)	HPD4	

861	Online HDD/SDD Flash Component for Windows (x64) - MB008000JWJRP and MB006000JWJRP Drives	cp040480.exe	MB006000JWJRP	HPD4 (B)	HPD4	
862	Online HDD/SDD Flash Component for Windows (x64) - MB008000JWRD Drive	cp041480.exe	MB008000JWRD	HPD1 (B)	HPD1	
863	Online HDD/SDD Flash Component for Windows (x64) - MB010000JWAYK and MB008000JWAYH Drives	cp040445.exe	MB010000JWAYK	HPD5 (C)	HPD5	
864	Online HDD/SDD Flash Component for Windows (x64) - MB010000JWAYK and MB008000JWAYH Drives	cp040445.exe	MB008000JWAYH	HPD5 (C)	HPD5	
865	Online HDD/SDD Flash Component for Windows (x64) - MB012000JWDFD Drives	cp040456.exe	MB012000JWDFD	HPD2 (C)	HPD2	
866	Online HDD/SDD Flash Component for Windows (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	cp041450.exe	MB014000JWRTH	HPD2 (B)	HPD2	
867	Online HDD/SDD Flash Component for Windows (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	cp041450.exe	MB012000JWRTF	HPD2 (B)	HPD2	
868	Online HDD/SDD Flash Component for Windows (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	cp041450.exe	MB010000JWRTE	HPD2 (B)	HPD2	
869	Online HDD/SDD Flash Component for Windows (x64) - MB014000JWUDB Drive	cp041519.exe	MB014000JWUDB	HPD2 (B)	HPD2	
870	Online HDD/SDD Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	cp040473.exe	MB1000JVYZL	HPD3 (B)	HPD3	
871	Online HDD/SDD Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	cp040473.exe	MB2000JVYZN	HPD3 (B)	HPD3	
872	Online HDD/SDD Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	cp040473.exe	MB3000JVYZP	HPD3 (B)	HPD3	
873	Online HDD/SDD Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	cp040473.exe	MB4000JVYZQ	HPD3 (B)	HPD3	
874	Online HDD/SDD Flash Component for Windows (x64) - MB2000JFDSL and MB4000JFDSN Drives	cp040405.exe	MB2000JFDSL	HPD4 (D)	HPD4	

875	Online HDD/SDD Flash Component for Windows (x64) - MB2000JFDSL and MB4000JFDSN Drives	cp040405.exe	MB4000JFDSN	HPD4 (D)	HPD4	
876	Online HDD/SDD Flash Component for Windows (x64) - MB2000JFEML and MB4000JFEMN Drives	cp040446.exe	MB2000JFEML	HPD6 (D)	HPD6	
877	Online HDD/SDD Flash Component for Windows (x64) - MB2000JFEML and MB4000JFEMN Drives	cp040446.exe	MB4000JFEMN	HPD6 (D)	HPD6	
878	Online HDD/SDD Flash Component for Windows (x64) - MB2000JFEPA and MB4000JFEPB Drives	cp040408.exe	MB2000JFEPA	HPD5 (D)	HPD5	
879	Online HDD/SDD Flash Component for Windows (x64) - MB2000JFEPA and MB4000JFEPB Drives	cp040408.exe	MB4000JFEPB	HPD5 (D)	HPD5	
880	Online HDD/SDD Flash Component for Windows (x64) - MB4000JEFNC and MB6000JEFND Drives	cp040398.exe	MB4000JEFNC	HPD9 (D)	HPD9	
881	Online HDD/SDD Flash Component for Windows (x64) - MB4000JEFNC and MB6000JEFND Drives	cp040398.exe	MB6000JEFND	HPD9 (D)	HPD9	
882	Online HDD/SDD Flash Component for Windows (x64) - MB4000JEQNL and MB6000JEQNN Drives	cp040390.exe	MB4000JEQNL	HPDB (D)	HPDB	
883	Online HDD/SDD Flash Component for Windows (x64) - MB4000JEQNL and MB6000JEQNN Drives	cp040390.exe	MB6000JEQNN	HPDB (D)	HPDB	
884	Online HDD/SDD Flash Component for Windows (x64) - MB4000JEXYA and MB6000JEXYB Drives	cp040423.exe	MB4000JEXYA	HPD9 (B)	HPD9	
885	Online HDD/SDD Flash Component for Windows (x64) - MB4000JEXYA and MB6000JEXYB Drives	cp040423.exe	MB6000JEXYB	HPD9 (B)	HPD9	
886	Online HDD/SDD Flash Component for Windows (x64) - MB6000JEQUV and MB8000JEQVA Drives	cp040414.exe	MB6000JEQUV	HPDB (D)	HPDB	
887	Online HDD/SDD Flash Component for Windows (x64) - MB6000JEQUV and MB8000JEQVA Drives	cp040414.exe	MB8000JEQVA	HPDB (D)	HPDB	
888	Online HDD/SDD Flash Component for Windows (x64) - MB6000JVYYV Drives	cp040424.exe	MB6000JVYYV	HPD2 (D)	HPD2	
889	Online HDD/SDD Flash Component for Windows (x64) - MB6000JVYZD and MB4000JVYZC Drives	cp040449.exe	MB6000JVYZD	HPD4 (B)	HPD4	
890	Online HDD/SDD Flash Component for Windows (x64) - MB6000JVYZD and MB4000JVYZC Drives	cp040449.exe	MB4000JVYZC	HPD4 (B)	HPD4	
891	Online HDD/SDD Flash Component for Windows (x64) - MB8000JFECQ Drives	cp040421.exe	MB8000JFECQ	HPD7 (C)	HPD7	

892	Online HDD/SDD Flash Component for Windows (x64) - MM1000JEFRB and MM2000JEFRC Drives	cp040392.exe	MM1000JEFRB	HPD8 (C)	HPD8	
893	Online HDD/SDD Flash Component for Windows (x64) - MM1000JEFRB and MM2000JEFRC Drives	cp040392.exe	MM2000JEFRC	HPD8 (C)	HPD8	
894	Online HDD/SDD Flash Component for Windows (x64) - MM1000JFJTH Drives	cp040411.exe	MM1000JFJTH	HPD3 (C)	HPD3	
895	Online HDD/SDD Flash Component for Windows (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	cp041424.exe	MO000400JWFVN	HPD5 (B)	HPD5	
896	Online HDD/SDD Flash Component for Windows (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	cp041424.exe	MO000800JWFVP	HPD5 (B)	HPD5	
897	Online HDD/SDD Flash Component for Windows (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	cp041424.exe	MO001600JWFVQ	HPD5 (B)	HPD5	
898	Online HDD/SDD Flash Component for Windows (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	cp041424.exe	MO003200JWFVR	HPD5 (B)	HPD5	
899	Online HDD/SDD Flash Component for Windows (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	cp041424.exe	MO000960JWFVT	HPD5 (B)	HPD5	
900	Online HDD/SDD Flash Component for Windows (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	cp041424.exe	MO001920JWFVU	HPD5 (B)	HPD5	

901	Online HDD/SDD Flash Component for Windows (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVW Drives	cp041424.exe	MO003840JWFV V	HPD5 (B)	HPD5	
902	Online HDD/SDD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp040481.exe	MO000400JWUFT	HPD1 (B)	HPD1	
903	Online HDD/SDD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp040481.exe	MO000800JWUF U	HPD1 (B)	HPD1	
904	Online HDD/SDD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp040481.exe	MO001600JWUFV	HPD1 (B)	HPD1	
905	Online HDD/SDD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp040481.exe	MO003200JWUG A	HPD1 (B)	HPD1	
906	Online HDD/SDD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp040481.exe	MO006400JWUG B	HPD1 (B)	HPD1	

907	Online HDD/SDD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp040481.exe	EO000400JWUGC	HPD1 (B)	HPD1	
908	Online HDD/SDD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp040481.exe	EO000800JWUGD	HPD1 (B)	HPD1	
909	Online HDD/SDD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp040481.exe	EO001600JWUGE	HPD1 (B)	HPD1	
910	Online HDD/SDD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPP Drives	cp040175.exe	EO0800JEFPP	HPD3 (D)	HPD3	
911	Online HDD/SDD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPP Drives	cp040175.exe	EO0400JEFPE	HPD3 (D)	HPD3	
912	Online HDD/SDD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPP Drives	cp040175.exe	EO0200JEFPD	HPD3 (D)	HPD3	
913	Online HDD/SDD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPP Drives	cp040175.exe	MO1600JEFPC	HPD3 (D)	HPD3	

914	Online HDD/SDD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPF Drives	cp040175.exe	MO0800JEFPB	HPD3 (D)	HPD3	
915	Online HDD/SDD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPF Drives	cp040175.exe	MO0400JEFPA	HPD3 (D)	HPD3	
916	Online HDD/SDD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPF Drives	cp040175.exe	MO0200JEFNV	HPD3 (D)	HPD3	
917	Online HDD/SDD Flash Component for Windows (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK, and MO3200JFFCL Drives	cp042216.exe	MO0400JFFCF	HPD8	HPD8	
918	Online HDD/SDD Flash Component for Windows (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK, and MO3200JFFCL Drives	cp042216.exe	MO0800JFFCH	HPD8	HPD8	
919	Online HDD/SDD Flash Component for Windows (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK, and MO3200JFFCL Drives	cp042216.exe	MO1600JFFCK	HPD8	HPD8	
920	Online HDD/SDD Flash Component for Windows (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK, and MO3200JFFCL Drives	cp042216.exe	MO3200JFFCL	HPD8	HPD8	
921	Online HDD/SDD Flash Component for Windows (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	cp042470.exe	VK000960JWSSQ	HPD8	HPD8	更新
922	Online HDD/SDD Flash Component for Windows (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	cp042470.exe	VK001920JWSSR	HPD8	HPD8	更新

923	Online HDD/SDD Flash Component for Windows (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	cp042470.exe	VK003840JWSST	HPD8	HPD8	更新
924	Online HDD/SDD Flash Component for Windows (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	cp042470.exe	VK007680JWSSU	HPD8	HPD8	更新
925	Online HDD/SDD Flash Component for Windows (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	cp042470.exe	VO015300JWSSV	HPD8	HPD8	更新
926	Online HDD/SDD Flash Component for Windows (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	cp042628.exe	VO000480JWDAR	HPD8	HPD8	新規追加
927	Online HDD/SDD Flash Component for Windows (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	cp042628.exe	VO000960JWDAT	HPD8	HPD8	新規追加
928	Online HDD/SDD Flash Component for Windows (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	cp042628.exe	VO001920JWDAU	HPD8	HPD8	新規追加
929	Online HDD/SDD Flash Component for Windows (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	cp042628.exe	VO003840JWDAV	HPD8	HPD8	新規追加
930	Online HDD/SDD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTL, VO003840JWTLN, VO007680JWTLB, MO000400JWTLQ, MO000800JWTLR, MO001600JWTLT, MO003200JWTLU, MO006400JWTLCD, EO000400JWTLV, EO000800JWTLCA, EO001600JWTLCB Drives	cp040759.exe	VO000960JWTBK	HPD7 (B)	HPD7	
931	Online HDD/SDD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTL, VO003840JWTLN, VO007680JWTLB, MO000400JWTLQ,	cp040759.exe	VO001920JWTL	HPD7 (B)	HPD7	

	MO000800JWTR, MO001600JWTR, MO003200JWTR, MO006400JWTR, EO000400JWTR, EO000800JWTR, EO001600JWTR Drives					
932	Online HDD/SDD Flash Component for Windows (x64) - VO000960JWTRBK, VO001920JWTRBL, VO003840JWTRBN, VO007680JWTRBP, MO000400JWTRBQ, MO000800JWTRBR, MO001600JWTRBT, MO003200JWTRBU, MO006400JWTRCD, EO000400JWTRBV, EO000800JWTRCA, EO001600JWTRCB Drives	cp040759.exe	VO003840JWTRBN	HPD7 (B)	HPD7	
933	Online HDD/SDD Flash Component for Windows (x64) - VO000960JWTRBK, VO001920JWTRBL, VO003840JWTRBN, VO007680JWTRBP, MO000400JWTRBQ, MO000800JWTRBR, MO001600JWTRBT, MO003200JWTRBU, MO006400JWTRCD, EO000400JWTRBV, EO000800JWTRCA, EO001600JWTRCB Drives	cp040759.exe	VO007680JWTRBP	HPD7 (B)	HPD7	
934	Online HDD/SDD Flash Component for Windows (x64) - VO000960JWTRBK, VO001920JWTRBL, VO003840JWTRBN, VO007680JWTRBP, MO000400JWTRBQ, MO000800JWTRBR, MO001600JWTRBT, MO003200JWTRBU, MO006400JWTRCD, EO000400JWTRBV, EO000800JWTRCA, EO001600JWTRCB Drives	cp040759.exe	MO000400JWTRBQ	HPD7 (B)	HPD7	
935	Online HDD/SDD Flash Component for Windows (x64) - VO000960JWTRBK, VO001920JWTRBL, VO003840JWTRBN, VO007680JWTRBP, MO000400JWTRBQ, MO000800JWTRBR, MO001600JWTRBT, MO003200JWTRBU, MO006400JWTRCD, EO000400JWTRBV, EO000800JWTRCA, EO001600JWTRCB Drives	cp040759.exe	MO000800JWTRBR	HPD7 (B)	HPD7	
936	Online HDD/SDD Flash Component for Windows (x64) - VO000960JWTRBK,	cp040759.exe	MO001600JWTRBT	HPD7 (B)	HPD7	

	VO001920JWTL, VO003840JWTLN, VO007680JWTLB, MO000400JWTLQ, MO000800JWTLR, MO001600JWTLT, MO003200JWTLU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA, EO001600JWTLCTB Drives					
937	Online HDD/SDD Flash Component for Windows (x64) - VO000960JWTLBK, VO001920JWTL, VO003840JWTLN, VO007680JWTLB, MO000400JWTLQ, MO000800JWTLR, MO001600JWTLT, MO003200JWTLU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA, EO001600JWTLCTB Drives	cp040759.exe	MO003200JWTLU	HPD7 (B)	HPD7	
938	Online HDD/SDD Flash Component for Windows (x64) - VO000960JWTLBK, VO001920JWTL, VO003840JWTLN, VO007680JWTLB, MO000400JWTLQ, MO000800JWTLR, MO001600JWTLT, MO003200JWTLU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA, EO001600JWTLCTB Drives	cp040759.exe	MO006400JWTLCD	HPD7 (B)	HPD7	
939	Online HDD/SDD Flash Component for Windows (x64) - VO000960JWTLBK, VO001920JWTL, VO003840JWTLN, VO007680JWTLB, MO000400JWTLQ, MO000800JWTLR, MO001600JWTLT, MO003200JWTLU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA, EO001600JWTLCTB Drives	cp040759.exe	EO000400JWTLBV	HPD7 (B)	HPD7	
940	Online HDD/SDD Flash Component for Windows (x64) - VO000960JWTLBK, VO001920JWTL, VO003840JWTLN, VO007680JWTLB, MO000400JWTLQ, MO000800JWTLR, MO001600JWTLT, MO003200JWTLU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA,	cp040759.exe	EO000800JWTLCA	HPD7 (B)	HPD7	

	EO001600JWTCB Drives					
941	Online HDD/SDD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTL, VO003840JWTCBN, VO007680JWTCBP, MO000400JWTCBQ, MO000800JWTCBR, MO001600JWTCBT, MO003200JWTCBU, MO006400JWTCB, EO000400JWTCBV, EO000800JWTCB, EO001600JWTCB Drives	cp040759.exe	EO001600JWTCB	HPD7 (B)	HPD7	
942	Online HDD/SDD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTL, VO003840JWTCBN, VO007680JWTCBP, MO000400JWTCBQ, MO000800JWTCBR, MO001600JWTCBT, MO003200JWTCBU, MO006400JWTCB, EO000400JWTCBV, EO000800JWTCB, EO001600JWTCB Drives	cp040759.exe	EO003200JWTC	HPD7 (B)	HPD7	
943	Online HDD/SDD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTL, VO003840JWTCBN, VO007680JWTCBP, MO000400JWTCBQ, MO000800JWTCBR, MO001600JWTCBT, MO003200JWTCBU, MO006400JWTCB, EO000400JWTCBV, EO000800JWTCB, EO001600JWTCB Drives	cp040759.exe	MO001920JWW WV	HPD7 (B)	HPD7	
944	Online HDD/SDD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp041556.exe	VO000960RWUEV	HPD3	HPD3	新規追加
945	Online HDD/SDD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp041556.exe	VO001920RWUFA	HPD3	HPD3	新規追加
946	Online HDD/SDD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB,	cp041556.exe	VO003840RWUFB	HPD3	HPD3	新規追加

	VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives					
947	Online HDD/SDD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp041556.exe	VO007680RWUFC	HPD3	HPD3	新規追加
948	Online HDD/SDD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp041556.exe	VO000960RWUFD	HPD3	HPD3	新規追加
949	Online HDD/SDD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp041556.exe	VO001920RWUFE	HPD3	HPD3	新規追加
950	Online HDD/SDD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp041556.exe	VO003840RWUFF	HPD3	HPD3	新規追加
951	Online HDD/SDD Flash Component for Windows (x64) - VO007680JWCNK and VO015300JWCNL Drives	cp042625.exe	VO007680JWCNK	HPD8	HPD8	新規追加
952	Online HDD/SDD Flash Component for Windows (x64) - VO007680JWCNK and VO015300JWCNL Drives	cp042625.exe	VO015300JWCNL	HPD8	HPD8	新規追加
953	Online HDD/SDD Flash Component for Windows (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV, and VO3840JFDHA Drives	cp042221.exe	VO0480JFDGT	HPD8	HPD8	
954	Online HDD/SDD Flash Component for Windows (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV, and VO3840JFDHA Drives	cp042221.exe	VO0960JFDGU	HPD8	HPD8	
955	Online HDD/SDD Flash Component for Windows (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV, and VO3840JFDHA Drives	cp042221.exe	VO1920JFDGV	HPD8	HPD8	

956	Online HDD/SDD Flash Component for Windows (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV, and VO3840JFDHA Drives	cp042221.exe	VO3840JFDHA	HPD8	HPD8	
957	Online HDD/SDD Flash Component for Windows (x64) - VO1920JEUQQ Drives	cp040431.exe	VO1920JEUQQ	HPD3 (D)	HPD3	
958	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR and EG002400JWJNT Drives	firmware-hdd-b1c9eaf74c-HPD5-1.1.x86_64.rpm	EG001800JWJNR	HPD5	HPD5	更新
959	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR and EG002400JWJNT Drives	firmware-hdd-b1c9eaf74c-HPD5-1.1.x86_64.rpm	EG002400JWJNT	HPD5	HPD5	更新

6.2.16 Firmware - SATA Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
960	Online HDD/SDD Flash Component for ESXi - MB001000GWCB and MB002000GWCB Drives	CP040784.zip	MB001000GWCB C	HPG6 (B)	HPG6	
961	Online HDD/SDD Flash Component for ESXi - MB001000GWCB and MB002000GWCB Drives	CP040784.zip	MB002000GWCB D	HPG6 (B)	HPG6	
962	Online HDD/SDD Flash Component for ESXi - MB001000GWFVK and MB002000GWFVL Drives	CP040785.zip	MB001000GWFVK	HPG6 (B)	HPG6	
963	Online HDD/SDD Flash Component for ESXi - MB001000GWFVK and MB002000GWFVL Drives	CP040785.zip	MB002000GWFVL	HPG6 (B)	HPG6	
964	Online HDD/SDD Flash Component for ESXi - MB001000GWJAN, MB002000GWFWA, MB004000GWFWB Drives	CP040691.zip	MB001000GWJAN	HPG1 (B)	HPG1	
965	Online HDD/SDD Flash Component for ESXi - MB001000GWJAN, MB002000GWFWA, MB004000GWFWB Drives	CP040691.zip	MB002000GWFWA	HPG1 (B)	HPG1	
966	Online HDD/SDD Flash Component for ESXi - MB001000GWJAN, MB002000GWFWA, MB004000GWFWB Drives	CP040691.zip	MB004000GWFWB	HPG1 (B)	HPG1	
967	Online HDD/SDD Flash Component for ESXi - MB012000GWTFE and MB014000GWTFE Drives	CP042459.zip	MB012000GWTFE	HPG6	HPG6	新規追加
968	Online HDD/SDD Flash Component for ESXi - MB012000GWTFE and MB014000GWTFE Drives	CP042459.zip	MB014000GWTFE	HPG6	HPG6	新規追加
969	Online HDD/SDD Flash Component for ESXi - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	CP041453.zip	MB014000GWRTN	HPG2 (B)	HPG2	

970	Online HDD/SDD Flash Component for ESXi - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	CP041453.zip	MB012000GWRTL	HPG2 (B)	HPG2	
971	Online HDD/SDD Flash Component for ESXi - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	CP041453.zip	MB010000GWRTK	HPG2 (B)	HPG2	
972	Online HDD/SDD Flash Component for ESXi - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA, and MB4000GDUPB Drives	CP040506.zip	MB1000GDUNU	HPG4 (G)	HPG4	
973	Online HDD/SDD Flash Component for ESXi - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA, and MB4000GDUPB Drives	CP040506.zip	MB2000GDUNV	HPG4 (G)	HPG4	
974	Online HDD/SDD Flash Component for ESXi - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA, and MB4000GDUPB Drives	CP040506.zip	MB3000GDUPA	HPG4 (G)	HPG4	
975	Online HDD/SDD Flash Component for ESXi - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA, and MB4000GDUPB Drives	CP040506.zip	MB4000GDUPB	HPG4 (G)	HPG4	
976	Online HDD/SDD Flash Component for ESXi - MB4000GEFNA and MB6000GEFNB Drives	CP039421.zip	MB4000GEFNA	HPG6 (E)	HPG6	
977	Online HDD/SDD Flash Component for ESXi - MB4000GEFNA and MB6000GEFNB Drives	CP039421.zip	MB6000GEFNB	HPG6 (E)	HPG6	
978	Online HDD/SDD Flash Component for ESXi - MB6000GEBTP Drives	CP040543.zip	MB6000GEBTP	HPG4 (E)	HPG4	
979	Online HDD/SDD Flash Component for ESXi - MB6000GEXXV Drives	CP040515.zip	MB6000GEXXV	HPG2 (G)	HPG2	
980	Online HDD/SDD Flash Component for ESXi - MB6000GVYZB and MB4000GVYZA Drives	CP040687.zip	MB6000GVYZB	HPG4 (B)	HPG4	
981	Online HDD/SDD Flash Component for ESXi - MB6000GVYZB and MB4000GVYZA Drives	CP040687.zip	MB4000GVYZA	HPG4 (B)	HPG4	
982	Online HDD/SDD Flash Component for ESXi - MB8000GFECR Drives	CP040516.zip	MB8000GFECR	HPG6 (B)	HPG6	
983	Online HDD/SDD Flash Component for ESXi - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	CP041677.zip	MK000480GWSSC	HPG1	HPG1	新規追加

984	Online HDD/SDD Flash Component for ESXi - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	CP041677.zip	MK000960GWSSD	HPG1	HPG1	新規追加
985	Online HDD/SDD Flash Component for ESXi - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	CP041677.zip	MK001920GWSSE	HPG1	HPG1	新規追加
986	Online HDD/SDD Flash Component for ESXi - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	CP041677.zip	MK003840GWSSF	HPG1	HPG1	新規追加
987	Online HDD/SDD Flash Component for ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	CP040670.zip	VK000150GWCNN	HPG1 (B)	HPG1	
988	Online HDD/SDD Flash Component for ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	CP040670.zip	VK000240GWCNP	HPG1 (B)	HPG1	
989	Online HDD/SDD Flash Component for ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	CP040670.zip	VK000480GWCN Q	HPG1 (B)	HPG1	
990	Online HDD/SDD Flash Component for ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	CP040670.zip	VK000960GWCNR	HPG1 (B)	HPG1	
991	Online HDD/SDD Flash Component for ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	CP040670.zip	VK001600GWCNT	HPG1 (B)	HPG1	
992	Online HDD/SDD Flash Component for ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	CP040689.zip	MK000240GWK K	HPG5 (B)	HPG5	

993	Online HDD/SDD Flash Component for ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	CP040689.zip	MK000480GWJPN	HPG5 (B)	HPG5	
994	Online HDD/SDD Flash Component for ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	CP040689.zip	MK000960GWJPP	HPG5 (B)	HPG5	
995	Online HDD/SDD Flash Component for ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	CP040689.zip	MK001920GWJPPQ	HPG5 (B)	HPG5	
996	Online HDD/SDD Flash Component for ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	CP040689.zip	VK000240GWJPD	HPG5 (B)	HPG5	
997	Online HDD/SDD Flash Component for ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	CP040689.zip	VK000480GWJPE	HPG5 (B)	HPG5	
998	Online HDD/SDD Flash Component for ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	CP040689.zip	VK000960GWJPF	HPG5 (B)	HPG5	

999	Online HDD/SDD Flash Component for ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	CP040689.zip	VK001920GWJPH	HPG5 (B)	HPG5	
1000	Online HDD/SDD Flash Component for ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	CP040689.zip	VK003840GWJPK	HPG5 (B)	HPG5	
1001	Online HDD/SDD Flash Component for ESXi - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU, VK003840GWSRV Drives	CP041313.zip	VK000240GWSRQ	HPG2 (B)	HPG2	
1002	Online HDD/SDD Flash Component for ESXi - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU, VK003840GWSRV Drives	CP041313.zip	VK000480GWSRR	HPG2 (B)	HPG2	
1003	Online HDD/SDD Flash Component for ESXi - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU, VK003840GWSRV Drives	CP041313.zip	VK000960GWSRT	HPG2 (B)	HPG2	
1004	Online HDD/SDD Flash Component for ESXi - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU, VK003840GWSRV Drives	CP041313.zip	VK001920GWSRU	HPG2 (B)	HPG2	
1005	Online HDD/SDD Flash Component for ESXi - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU, VK003840GWSRV Drives	CP041313.zip	VK003840GWSRV	HPG2 (B)	HPG2	

1006	Online HDD/SDD Flash Component for ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP040790.zip	VK000240GWTSV	HPG3 (B)	HPG3	
1007	Online HDD/SDD Flash Component for ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP040790.zip	VK000480GWTTA	HPG3 (B)	HPG3	
1008	Online HDD/SDD Flash Component for ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP040790.zip	VK000960GWTTB	HPG3 (B)	HPG3	
1009	Online HDD/SDD Flash Component for ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP040790.zip	VK001920GWTTTC	HPG3 (B)	HPG3	
1010	Online HDD/SDD Flash Component for ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP040790.zip	VK003840GWTTD	HPG3 (B)	HPG3	
1011	Online HDD/SDD Flash Component for ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP040790.zip	MK000480GWTT H	HPG3 (B)	HPG3	

1012	Online HDD/SDD Flash Component for ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP040790.zip	MK000960GWTTK	HPG3 (B)	HPG3	
1013	Online HDD/SDD Flash Component for ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP040790.zip	MK001920GWTTL	HPG3 (B)	HPG3	
1014	Online HDD/SDD Flash Component for ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP040790.zip	MK003840GWTTN	HPG3 (B)	HPG3	
1015	Online HDD/SDD Flash Component for ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	CP040518.zip	VK0120GFDKE	HPG1 (F)	HPG1	
1016	Online HDD/SDD Flash Component for ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	CP040518.zip	VK0240GFDKF	HPG1 (F)	HPG1	
1017	Online HDD/SDD Flash Component for ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	CP040518.zip	VK0480GFDKH	HPG1 (F)	HPG1	
1018	Online HDD/SDD Flash Component for ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	CP040518.zip	VK0960GFDKK	HPG1 (F)	HPG1	

1019	Online HDD/SDD Flash Component for ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	CP040518.zip	VK1920GFDKL	HPG1 (F)	HPG1	
1020	Online HDD/SDD Flash Component for ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	CP040518.zip	VK3840GFDKN	HPG1 (F)	HPG1	
1021	Online HDD/SDD Flash Component for ESXi - VK0240GEPQN, VK0480GEPQP, and VK0960GEPQQ Drives	CP040528.zip	VK0240GEPQN	HPG1 (F)	HPG1	
1022	Online HDD/SDD Flash Component for ESXi - VK0240GEPQN, VK0480GEPQP, and VK0960GEPQQ Drives	CP040528.zip	VK0480GEPQP	HPG1 (F)	HPG1	
1023	Online HDD/SDD Flash Component for ESXi - VK0240GEPQN, VK0480GEPQP, and VK0960GEPQQ Drives	CP040528.zip	VK0960GEPQQ	HPG1 (F)	HPG1	
1024	Online HDD/SDD Flash Component for Linux (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPP and EK001600GWEPP Drives	firmware-hdd-5bf93559 26-HPG3-4.1.x86_64.rp m	EK000200GWEPD	HPG3 (D)	HPG3	
1025	Online HDD/SDD Flash Component for Linux (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPP and EK001600GWEPP Drives	firmware-hdd-5bf93559 26-HPG3-4.1.x86_64.rp m	EK000400GWEPE	HPG3 (D)	HPG3	
1026	Online HDD/SDD Flash Component for Linux (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPP and EK001600GWEPP Drives	firmware-hdd-5bf93559 26-HPG3-4.1.x86_64.rp m	EK000800GWEPP	HPG3 (D)	HPG3	
1027	Online HDD/SDD Flash Component for Linux (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPP and EK001600GWEPP Drives	firmware-hdd-5bf93559 26-HPG3-4.1.x86_64.rp m	EK001600GWEPP	HPG3 (D)	HPG3	
1028	Online HDD/SDD Flash Component for Linux (x64) - MB001000GWCBC and MB002000GWCBD Drives	firmware-hdd-68b12e5 4d2-HPG6-3.1.x86_64.r pm	MB001000GWCBC C	HPG6 (C)	HPG6	
1029	Online HDD/SDD Flash Component for Linux (x64) - MB001000GWCBC and MB002000GWCBD Drives	firmware-hdd-68b12e5 4d2-HPG6-3.1.x86_64.r pm	MB002000GWCBC D	HPG6 (C)	HPG6	

1030	Online HDD/SDD Flash Component for Linux (x64) - MB001000GWFWK and MB002000GFWFL Drives	firmware-hdd-bfc4af697b-HPG6-2.1.x86_64.rpm	MB001000GFWFK	HPG6 (B)	HPG6	
1031	Online HDD/SDD Flash Component for Linux (x64) - MB001000GWFWK and MB002000GFWFL Drives	firmware-hdd-bfc4af697b-HPG6-2.1.x86_64.rpm	MB002000GFWFL	HPG6 (B)	HPG6	
1032	Online HDD/SDD Flash Component for Linux (x64) - MB001000GWJAN, MB002000GFWFA and MB004000GFWFB Drives	firmware-hdd-d39e7a7e75-HPG1-3.1.x86_64.rpm	MB001000GWJAN	HPG1 (C)	HPG1	
1033	Online HDD/SDD Flash Component for Linux (x64) - MB001000GWJAN, MB002000GFWFA and MB004000GFWFB Drives	firmware-hdd-d39e7a7e75-HPG1-3.1.x86_64.rpm	MB002000GFWFA	HPG1 (C)	HPG1	
1034	Online HDD/SDD Flash Component for Linux (x64) - MB001000GWJAN, MB002000GFWFA and MB004000GFWFB Drives	firmware-hdd-d39e7a7e75-HPG1-3.1.x86_64.rpm	MB004000GFWFB	HPG1 (C)	HPG1	
1035	Online HDD/SDD Flash Component for Linux (x64) - MB002000GWFVGH and MB001000GWFVGF Drives	firmware-hdd-0b575b5895-HPG3-5.1.x86_64.rpm	MB002000GWFVGH	HPG3 (E)	HPG3	
1036	Online HDD/SDD Flash Component for Linux (x64) - MB002000GWFVGH and MB001000GWFVGF Drives	firmware-hdd-0b575b5895-HPG3-5.1.x86_64.rpm	MB001000GWFVGF	HPG3 (E)	HPG3	
1037	Online HDD/SDD Flash Component for Linux (x64) - MB004000GWKGV Drive	firmware-hdd-ca21e169e2-HPG1-2.1.x86_64.rpm	MB004000GWKGV	HPG1 (B)	HPG1	
1038	Online HDD/SDD Flash Component for Linux (x64) - MB006000GWBXQ and MB008000GWBLYL Drives	firmware-hdd-a1fd19f9ca-HPG8-3.1.x86_64.rpm	MB006000GWBXQ	HPG8 (C)	HPG8	
1039	Online HDD/SDD Flash Component for Linux (x64) - MB006000GWBXQ and MB008000GWBLYL Drives	firmware-hdd-a1fd19f9ca-HPG8-3.1.x86_64.rpm	MB008000GWBLYL	HPG8 (C)	HPG8	
1040	Online HDD/SDD Flash Component for Linux (x64) - MB006000GWKGR Drive	firmware-hdd-7f2a26e6d0-HPG1-2.1.x86_64.rpm	MB006000GWKGR	HPG1 (B)	HPG1	
1041	Online HDD/SDD Flash Component for Linux (x64) - MB008000GWRTC Drive	firmware-hdd-82894b9e0a-HPG1-2.1.x86_64.rpm	MB008000GWRTC	HPG1 (B)	HPG1	
1042	Online HDD/SDD Flash Component for Linux (x64) - MB010000GWAYN and MB008000GWAYL Drives	firmware-hdd-cc819d4bff-HPG5-4.1.x86_64.rpm	MB010000GWAYN	HPG5 (D)	HPG5	
1043	Online HDD/SDD Flash Component for Linux (x64) - MB010000GWAYN and MB008000GWAYL Drives	firmware-hdd-cc819d4bff-HPG5-4.1.x86_64.rpm	MB008000GWAYL	HPG5 (D)	HPG5	
1044	Online HDD/SDD Flash Component for Linux (x64) - MB012000GWDFFE Drives	firmware-hdd-059b8654a6-HPG2-4.1.x86_64.rpm	MB012000GWDFFE	HPG2 (D)	HPG2	
1045	Online HDD/SDD Flash Component for Linux (x64) - MB012000GWTFFE and MB014000GWTFFF Drives	firmware-hdd-b78255e146-HPG6-1.1.x86_64.rpm	MB012000GWTFFE	HPG6	HPG6	新規追加

1046	Online HDD/SDD Flash Component for Linux (x64) - MB012000GWTFE and MB014000GWTFE Drives	firmware-hdd-b7825e146-HPG6-1.1.x86_64.rpm	MB014000GWTFE	HPG6	HPG6	新規追加
1047	Online HDD/SDD Flash Component for Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	firmware-hdd-6b7ce3da0e-HPG2-3.1.x86_64.rpm	MB014000GWRTN	HPG2 (C)	HPG2	
1048	Online HDD/SDD Flash Component for Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	firmware-hdd-6b7ce3da0e-HPG2-3.1.x86_64.rpm	MB012000GWRTL	HPG2 (C)	HPG2	
1049	Online HDD/SDD Flash Component for Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	firmware-hdd-6b7ce3da0e-HPG2-3.1.x86_64.rpm	MB010000GWRTK	HPG2 (C)	HPG2	
1050	Online HDD/SDD Flash Component for Linux (x64) - MB014000GWUDA Drive	firmware-hdd-41c9da-HPG2-2.1.x86_64.rpm	MB014000GWUDA	HPG2 (B)	HPG2	
1051	Online HDD/SDD Flash Component for Linux (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA, and MB4000GDUPB Drives	firmware-hdd-3ab4c70e64-HPG4-7.1.x86_64.rpm	MB1000GDUNU	HPG4 (G)	HPG4	
1052	Online HDD/SDD Flash Component for Linux (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA, and MB4000GDUPB Drives	firmware-hdd-3ab4c70e64-HPG4-7.1.x86_64.rpm	MB2000GDUNV	HPG4 (G)	HPG4	
1053	Online HDD/SDD Flash Component for Linux (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA, and MB4000GDUPB Drives	firmware-hdd-3ab4c70e64-HPG4-7.1.x86_64.rpm	MB3000GDUPA	HPG4 (G)	HPG4	
1054	Online HDD/SDD Flash Component for Linux (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA, and MB4000GDUPB Drives	firmware-hdd-3ab4c70e64-HPG4-7.1.x86_64.rpm	MB4000GDUPB	HPG4 (G)	HPG4	
1055	Online HDD/SDD Flash Component for Linux (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH, and MB4000GVYZK Drives	firmware-hdd-0a7010918e-HPG4-7.1.x86_64.rpm	MB1000GVYZE	HPG4 (G)	HPG4	
1056	Online HDD/SDD Flash Component for Linux (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH, and MB4000GVYZK Drives	firmware-hdd-0a7010918e-HPG4-7.1.x86_64.rpm	MB2000GVYZF	HPG4 (G)	HPG4	
1057	Online HDD/SDD Flash Component for Linux (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH, and MB4000GVYZK Drives	firmware-hdd-0a7010918e-HPG4-7.1.x86_64.rpm	MB3000GVYZH	HPG4 (G)	HPG4	

1058	Online HDD/SDD Flash Component for Linux (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH, and MB4000GVYZK Drives	firmware-hdd-0a7010918e-HPG4-7.1.x86_64.rpm	MB4000GVYZK	HPG4 (G)	HPG4	
1059	Online HDD/SDD Flash Component for Linux (x64) - MB2000GCWLT, MB3000GCWLU, and MB4000GCWLV Drives	firmware-hdd-2e70ce7412-HPG4-7.1.x86_64.rpm	MB2000GCWLT	HPG4 (G)	HPG4	
1060	Online HDD/SDD Flash Component for Linux (x64) - MB2000GCWLT, MB3000GCWLU, and MB4000GCWLV Drives	firmware-hdd-2e70ce7412-HPG4-7.1.x86_64.rpm	MB3000GCWLU	HPG4 (G)	HPG4	
1061	Online HDD/SDD Flash Component for Linux (x64) - MB2000GCWLT, MB3000GCWLU, and MB4000GCWLV Drives	firmware-hdd-2e70ce7412-HPG4-7.1.x86_64.rpm	MB4000GCWLV	HPG4 (G)	HPG4	
1062	Online HDD/SDD Flash Component for Linux (x64) - MB2000GFEMH and MB4000GFEMK Drives	firmware-hdd-70e3962f98-HPG6-6.1.x86_64.rpm	MB2000GFEMH	HPG6 (F)	HPG6	
1063	Online HDD/SDD Flash Component for Linux (x64) - MB2000GFEMH and MB4000GFEMK Drives	firmware-hdd-70e3962f98-HPG6-6.1.x86_64.rpm	MB4000GFEMK	HPG6 (F)	HPG6	
1064	Online HDD/SDD Flash Component for Linux (x64) - MB4000GEFNA and MB6000GEFNB Drives	firmware-hdd-40277d55d3-HPG6-7.1.x86_64.rpm	MB4000GEFNA	HPG6 (G)	HPG6	
1065	Online HDD/SDD Flash Component for Linux (x64) - MB4000GEFNA and MB6000GEFNB Drives	firmware-hdd-40277d55d3-HPG6-7.1.x86_64.rpm	MB6000GEFNB	HPG6 (G)	HPG6	
1066	Online HDD/SDD Flash Component for Linux (x64) - MB4000GEQNH and MB6000GEQNK Drives	firmware-hdd-bfc95f0628-HPGB-6.1.x86_64.rpm	MB4000GEQNH	HPGB (F)	HPGB	
1067	Online HDD/SDD Flash Component for Linux (x64) - MB4000GEQNH and MB6000GEQNK Drives	firmware-hdd-bfc95f0628-HPGB-6.1.x86_64.rpm	MB6000GEQNK	HPGB (F)	HPGB	
1068	Online HDD/SDD Flash Component for Linux (x64) - MB6000GEBTP Drives	firmware-hdd-3243fce9a0-HPG4-6.1.x86_64.rpm	MB6000GEBTP	HPG4 (F)	HPG4	
1069	Online HDD/SDD Flash Component for Linux (x64) - MB6000GEQUT and MB8000GEQUU Drives	firmware-hdd-1d7f19120b-HPGB-6.1.x86_64.rpm	MB6000GEQUT	HPGB (F)	HPGB	
1070	Online HDD/SDD Flash Component for Linux (x64) - MB6000GEQUT and MB8000GEQUU Drives	firmware-hdd-1d7f19120b-HPGB-6.1.x86_64.rpm	MB8000GEQUU	HPGB (F)	HPGB	
1071	Online HDD/SDD Flash Component for Linux (x64) - MB6000GEXXV Drives	firmware-hdd-a629fcea59-HPG2-7.1.x86_64.rpm	MB6000GEXXV	HPG2 (G)	HPG2	
1072	Online HDD/SDD Flash Component for Linux (x64) - MB6000GVYYU Drives	firmware-hdd-bdc37cb37f-HPG2-6.1.x86_64.rpm	MB6000GVYYU	HPG2 (F)	HPG2	
1073	Online HDD/SDD Flash Component for Linux (x64) - MB6000GVYZB and MB4000GVYZA Drives	firmware-hdd-0a7d4aa47f-HPG4-3.1.x86_64.rpm	MB6000GVYZB	HPG4 (C)	HPG4	

1074	Online HDD/SDD Flash Component for Linux (x64) - MB6000GVYZB and MB4000GVYZA Drives	firmware-hdd-0a7d4aa47f-HPG4-3.1.x86_64.rpm	MB4000GVYZA	HPG4 (C)	HPG4	
1075	Online HDD/SDD Flash Component for Linux (x64) - MB8000GFECR Drives	firmware-hdd-6d922fc9a8-HPG6-3.1.x86_64.rpm	MB8000GFECR	HPG6 (C)	HPG6	
1076	Online HDD/SDD Flash Component for Linux (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	firmware-hdd-7677644a25-HPG3-4.1.x86_64.rpm	MK000240GWCEU	HPG3 (D)	HPG3	
1077	Online HDD/SDD Flash Component for Linux (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	firmware-hdd-7677644a25-HPG3-4.1.x86_64.rpm	MK000480GWCEV	HPG3 (D)	HPG3	
1078	Online HDD/SDD Flash Component for Linux (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	firmware-hdd-7677644a25-HPG3-4.1.x86_64.rpm	MK000960GWCFA	HPG3 (D)	HPG3	
1079	Online HDD/SDD Flash Component for Linux (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	firmware-hdd-7677644a25-HPG3-4.1.x86_64.rpm	MK001920GWCFB	HPG3 (D)	HPG3	
1080	Online HDD/SDD Flash Component for Linux (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	firmware-hdd-f693ccc138-HPG1-1.1.x86_64.rpm	MK000480GWSSC	HPG1	HPG1	新規追加
1081	Online HDD/SDD Flash Component for Linux (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	firmware-hdd-f693ccc138-HPG1-1.1.x86_64.rpm	MK000960GWSSD	HPG1	HPG1	新規追加
1082	Online HDD/SDD Flash Component for Linux (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	firmware-hdd-f693ccc138-HPG1-1.1.x86_64.rpm	MK001920GWSSE	HPG1	HPG1	新規追加
1083	Online HDD/SDD Flash Component for Linux (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	firmware-hdd-f693ccc138-HPG1-1.1.x86_64.rpm	MK003840GWSSF	HPG1	HPG1	新規追加
1084	Online HDD/SDD Flash Component for Linux (x64) - MK003840GWWHITE Drives	firmware-hdd-ac20a1e1c6-HPG6-2.1.x86_64.rpm	MK003840GWHITE	HPG6 (B)	HPG6	
1085	Online HDD/SDD Flash Component for Linux (x64) - MK0960GECQK Drives	firmware-hdd-3e34285be7-HPG3-8.1.x86_64.rpm	MK0960GECQK	HPG3 (H)	HPG3	
1086	Online HDD/SDD Flash Component for Linux (x64) - MM1000GEFQV and MM2000GEFRA Drives	firmware-hdd-ec908c3650-HPG8-5.1.x86_64.rpm	MM1000GEFQV	HPG8 (E)	HPG8	

1087	Online HDD/SDD Flash Component for Linux (x64) - MM1000GEFQV and MM2000GEFRA Drives	firmware-hdd-ec908c3650-HPG8-5.1.x86_64.rpm	MM2000GEFRA	HPG8 (E)	HPG8	
1088	Online HDD/SDD Flash Component for Linux (x64) - MM1000GFJTE Drives	firmware-hdd-95af9a555e-HPG5-3.1.x86_64.rpm	MM1000GFJTE	HPG5 (C)	HPG5	
1089	Online HDD/SDD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGE-2.1.x86_64.rpm	MR000240GWFLU	HPGE (B)	HPGE	
1090	Online HDD/SDD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGE-2.1.x86_64.rpm	MR000480GWFLV	HPGE (B)	HPGE	
1091	Online HDD/SDD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGE-2.1.x86_64.rpm	VR000480GWFMD	HPGE (B)	HPGE	
1092	Online HDD/SDD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGE-2.1.x86_64.rpm	MR000960GWFMA	HPGE (B)	HPGE	
1093	Online HDD/SDD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGE-2.1.x86_64.rpm	VR000960GWFME	HPGE (B)	HPGE	
1094	Online HDD/SDD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGE-2.1.x86_64.rpm	MR001920GWFMB	HPGE (B)	HPGE	

1095	Online HDD/SDD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGE-2.1.x86_64.rpm	VR001920GWFMC	HPGE (B)	HPGE	
1096	Online HDD/SDD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	firmware-hdd-6e3845def5-HPG1-3.1.x86_64.rpm	VK000150GWCNN	HPG1 (C)	HPG1	
1097	Online HDD/SDD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	firmware-hdd-6e3845def5-HPG1-3.1.x86_64.rpm	VK000240GWCNP	HPG1 (C)	HPG1	
1098	Online HDD/SDD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	firmware-hdd-6e3845def5-HPG1-3.1.x86_64.rpm	VK000480GWCNQ	HPG1 (C)	HPG1	
1099	Online HDD/SDD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	firmware-hdd-6e3845def5-HPG1-3.1.x86_64.rpm	VK000960GWCNR	HPG1 (C)	HPG1	
1100	Online HDD/SDD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	firmware-hdd-6e3845def5-HPG1-3.1.x86_64.rpm	VK001600GWCNT	HPG1 (C)	HPG1	
1101	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives.	firmware-hdd-f42438de3d-HPG3-4.1.x86_64.rpm	VK000480GWCFE	HPG3 (D)	HPG3	
1102	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives.	firmware-hdd-f42438de3d-HPG3-4.1.x86_64.rpm	VK000960GWCFE	HPG3 (D)	HPG3	
1103	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives.	firmware-hdd-f42438de3d-HPG3-4.1.x86_64.rpm	VK000240GWCFD	HPG3 (D)	HPG3	

1104	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives.	firmware-hdd-f42438de3d-HPG3-4.1.x86_64.rpm	VK001920GWCFH	HPG3 (D)	HPG3	
1105	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives.	firmware-hdd-f42438de3d-HPG3-4.1.x86_64.rpm	VK003840GWCFK	HPG3 (D)	HPG3	
1106	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGE-2.1.x86_64.rpm	VK000240GWEZB	HPGE (B)	HPGE	
1107	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGE-2.1.x86_64.rpm	VK000480GWEZC	HPGE (B)	HPGE	
1108	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGE-2.1.x86_64.rpm	VK000960GWEZD	HPGE (B)	HPGE	
1109	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGE-2.1.x86_64.rpm	VK001920GWEZE	HPGE (B)	HPGE	
1110	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGE-2.1.x86_64.rpm	MK000240GWEZF	HPGE (B)	HPGE	

1111	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGE-2.1.x86_64.rpm	MK000480GWEZH	HPGE (B)	HPGE	
1112	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGE-2.1.x86_64.rpm	MK000960GWEZK	HPGE (B)	HPGE	
1113	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGE-2.1.x86_64.rpm	MK001920GWHRU	HPGE (B)	HPGE	
1114	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	firmware-hdd-aef2a690c9-HPG5-3.1.x86_64.rpm	MK000240GWKVK	HPG5 (C)	HPG5	
1115	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	firmware-hdd-aef2a690c9-HPG5-3.1.x86_64.rpm	MK000480GWJPN	HPG5 (C)	HPG5	
1116	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	firmware-hdd-aef2a690c9-HPG5-3.1.x86_64.rpm	MK000960GWJPP	HPG5 (C)	HPG5	

1117	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	firmware-hdd-aef2a690c9-HPG5-3.1.x86_64.rpm	MK001920GWJPPQ	HPG5 (C)	HPG5	
1118	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	firmware-hdd-aef2a690c9-HPG5-3.1.x86_64.rpm	VK000240GWJPD	HPG5 (C)	HPG5	
1119	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	firmware-hdd-aef2a690c9-HPG5-3.1.x86_64.rpm	VK000480GWJPE	HPG5 (C)	HPG5	
1120	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	firmware-hdd-aef2a690c9-HPG5-3.1.x86_64.rpm	VK000960GWJPF	HPG5 (C)	HPG5	
1121	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	firmware-hdd-aef2a690c9-HPG5-3.1.x86_64.rpm	VK001920GWJPH	HPG5 (C)	HPG5	
1122	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	firmware-hdd-aef2a690c9-HPG5-3.1.x86_64.rpm	VK003840GWJPK	HPG5 (C)	HPG5	

1123	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	firmware-hdd-db687966b4-HPG2-2.1.x86_64.rpm	VK000240GWSRQ	HPG2 (B)	HPG2	
1124	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	firmware-hdd-db687966b4-HPG2-2.1.x86_64.rpm	VK000480GWSRR	HPG2 (B)	HPG2	
1125	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	firmware-hdd-db687966b4-HPG2-2.1.x86_64.rpm	VK000960GWSRT	HPG2 (B)	HPG2	
1126	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	firmware-hdd-db687966b4-HPG2-2.1.x86_64.rpm	VK001920GWSRU	HPG2 (B)	HPG2	
1127	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	firmware-hdd-db687966b4-HPG2-2.1.x86_64.rpm	VK003840GWSRV	HPG2 (B)	HPG2	
1128	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG3-3.1.x86_64.rpm	VK000240GWTSV	HPG3 (C)	HPG3	
1129	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG3-3.1.x86_64.rpm	VK000480GWTTA	HPG3 (C)	HPG3	

1130	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG3-3.1.x86_64.rpm	VK000960GWTTB	HPG3 (C)	HPG3	
1131	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG3-3.1.x86_64.rpm	VK001920GWTTTC	HPG3 (C)	HPG3	
1132	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG3-3.1.x86_64.rpm	VK003840GWTTD	HPG3 (C)	HPG3	
1133	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG3-3.1.x86_64.rpm	MK000480GWTT H	HPG3 (C)	HPG3	
1134	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG3-3.1.x86_64.rpm	MK000960GWTTK	HPG3 (C)	HPG3	
1135	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG3-3.1.x86_64.rpm	MK001920GWTTL	HPG3 (C)	HPG3	

1136	Online HDD/SDD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG3-3.1.x86_64.rpm	MK003840GWTTN	HPG3 (C)	HPG3	
1137	Online HDD/SDD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH, MK001920GWUGK Drives	firmware-hdd-9e87eecb3f-HPG2-3.1.x86_64.rpm	VK000480GWSXF	HPG2 (C)	HPG2	
1138	Online HDD/SDD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH, MK001920GWUGK Drives	firmware-hdd-9e87eecb3f-HPG2-3.1.x86_64.rpm	VK000960GWSXH	HPG2 (C)	HPG2	
1139	Online HDD/SDD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH, MK001920GWUGK Drives	firmware-hdd-9e87eecb3f-HPG2-3.1.x86_64.rpm	VK001920GWSXK	HPG2 (C)	HPG2	
1140	Online HDD/SDD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH, MK001920GWUGK Drives	firmware-hdd-9e87eecb3f-HPG2-3.1.x86_64.rpm	MK000480GWUGF	HPG2 (C)	HPG2	
1141	Online HDD/SDD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH, MK001920GWUGK Drives	firmware-hdd-9e87eecb3f-HPG2-3.1.x86_64.rpm	MK000960GWUGH	HPG2 (C)	HPG2	
1142	Online HDD/SDD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH, MK001920GWUGK Drives	firmware-hdd-9e87eecb3f-HPG2-3.1.x86_64.rpm	MK001920GWUGK	HPG2 (C)	HPG2	
1143	Online HDD/SDD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd-492a9952f6-HPG1-2.1.x86_64.rpm	VK000480GWTHA	HPG1 (B)	HPG1	

1144	Online HDD/SDD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd-492a9952f6-HPG1-2.1.x86_64.rpm	VK000960GWTHB	HPG1 (B)	HPG1	
1145	Online HDD/SDD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd-492a9952f6-HPG1-2.1.x86_64.rpm	VK001920GWTHC	HPG1 (B)	HPG1	
1146	Online HDD/SDD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd-492a9952f6-HPG1-2.1.x86_64.rpm	VK003840GWTHD	HPG1 (B)	HPG1	
1147	Online HDD/SDD Flash Component for Linux (x64) - VK003840GWSXL Drive	firmware-hdd-d1cf327bc4-HPG2-3.1.x86_64.rpm	VK003840GWSXL	HPG2 (C)	HPG2	
1148	Online HDD/SDD Flash Component for Linux (x64) - VK007680GWSXN Drive	firmware-hdd-b460823f70-HPG2-3.1.x86_64.rpm	VK007680GWSXN	HPG2 (C)	HPG2	
1149	Online HDD/SDD Flash Component for Linux (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYK Drives	firmware-hdd-ee2b63de1d-HPG5-2.1.x86_64.rpm	VK1600GEYJU	HPG5 (B)	HPG5	
1150	Online HDD/SDD Flash Component for Linux (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYK Drives	firmware-hdd-ee2b63de1d-HPG5-2.1.x86_64.rpm	VK0800GEYJT	HPG5 (B)	HPG5	
1151	Online HDD/SDD Flash Component for Linux (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYK Drives	firmware-hdd-ee2b63de1d-HPG5-2.1.x86_64.rpm	VK0480GEYJR	HPG5 (B)	HPG5	

1152	Online HDD/SDD Flash Component for Linux (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYK Drives	firmware-hdd-ee2b63de1d-HPG5-2.1.x86_64.rpm	VK0240GEYJQ	HPG5 (B)	HPG5	
1153	Online HDD/SDD Flash Component for Linux (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYK Drives	firmware-hdd-ee2b63de1d-HPG5-2.1.x86_64.rpm	VK0120GEYJP	HPG5 (B)	HPG5	
1154	Online HDD/SDD Flash Component for Linux (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYK Drives	firmware-hdd-ee2b63de1d-HPG5-2.1.x86_64.rpm	VK0080GEYJN	HPG5 (B)	HPG5	
1155	Online HDD/SDD Flash Component for Linux (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYK Drives	firmware-hdd-ee2b63de1d-HPG5-2.1.x86_64.rpm	LK0200GEYMR	HPG5 (B)	HPG5	
1156	Online HDD/SDD Flash Component for Linux (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYK Drives	firmware-hdd-ee2b63de1d-HPG5-2.1.x86_64.rpm	LK0480GFJSK	HPG5 (B)	HPG5	

1157	Online HDD/SDD Flash Component for Linux (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYK Drives	firmware-hdd-ee2b63de1d-HPG5-2.1.x86_64.rpm	LK0800GEYMU	HPG5 (B)	HPG5	
1158	Online HDD/SDD Flash Component for Linux (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYK Drives	firmware-hdd-ee2b63de1d-HPG5-2.1.x86_64.rpm	LK1600GEYMV	HPG5 (B)	HPG5	
1159	Online HDD/SDD Flash Component for Linux (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYK Drives	firmware-hdd-ee2b63de1d-HPG5-2.1.x86_64.rpm	MK0200GEYKC	HPG5 (B)	HPG5	
1160	Online HDD/SDD Flash Component for Linux (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYK Drives	firmware-hdd-ee2b63de1d-HPG5-2.1.x86_64.rpm	MK0400GEYKD	HPG5 (B)	HPG5	
1161	Online HDD/SDD Flash Component for Linux (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYK Drives	firmware-hdd-ee2b63de1d-HPG5-2.1.x86_64.rpm	MK0800GEYKE	HPG5 (B)	HPG5	

1162	Online HDD/SDD Flash Component for Linux (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYK Drives	firmware-hdd-ee2b63de1d-HPG5-2.1.x86_64.rpm	MK1200GEYKF	HPG5 (B)	HPG5	
1163	Online HDD/SDD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	firmware-hdd-a2d4b5c742-HPG1-7.1.x86_64.rpm	VK0120GFDKE	HPG1 (G)	HPG1	
1164	Online HDD/SDD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	firmware-hdd-a2d4b5c742-HPG1-7.1.x86_64.rpm	VK0240GFDKF	HPG1 (G)	HPG1	
1165	Online HDD/SDD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	firmware-hdd-a2d4b5c742-HPG1-7.1.x86_64.rpm	VK0480GFDKH	HPG1 (G)	HPG1	
1166	Online HDD/SDD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	firmware-hdd-a2d4b5c742-HPG1-7.1.x86_64.rpm	VK0960GFDKK	HPG1 (G)	HPG1	
1167	Online HDD/SDD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	firmware-hdd-a2d4b5c742-HPG1-7.1.x86_64.rpm	VK1920GFDKL	HPG1 (G)	HPG1	
1168	Online HDD/SDD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	firmware-hdd-a2d4b5c742-HPG1-7.1.x86_64.rpm	VK3840GFDKN	HPG1 (G)	HPG1	
1169	Online HDD/SDD Flash Component for Linux (x64) - VK0240GEPQN, VK0480GEPQP, and VK0960GEPQQ Drives	firmware-hdd-1a516522d1-HPG1-6.1.x86_64.rpm	VK0240GEPQN	HPG1 (F)	HPG1	

1170	Online HDD/SDD Flash Component for Linux (x64) - VK0240GEPQN, VK0480GEPQP, and VK0960GEPQQ Drives	firmware-hdd-1a516522d1-HPG1-6.1.x86_64.rpm	VK0480GEPQP	HPG1 (F)	HPG1	
1171	Online HDD/SDD Flash Component for Linux (x64) - VK0240GEPQN, VK0480GEPQP, and VK0960GEPQQ Drives	firmware-hdd-1a516522d1-HPG1-6.1.x86_64.rpm	VK0960GEPQQ	HPG1 (F)	HPG1	
1172	Online HDD/SDD Flash Component for Linux (x64) - VR000150GWEPP and VR000480GWEPR Drives	firmware-hdd-b7eb905efe-HPG1-4.1.x86_64.rpm	VR000150GWEPP	HPG1 (D)	HPG1	
1173	Online HDD/SDD Flash Component for Linux (x64) - VR000150GWEPP and VR000480GWEPR Drives	firmware-hdd-b7eb905efe-HPG1-4.1.x86_64.rpm	VR000480GWEPR	HPG1 (D)	HPG1	
1174	Online HDD/SDD Flash Component for Linux (x64) - XP0032GEFEN, XP0032GDZME, XP0064GEFEP, and XP0064GDZMF Drives	firmware-hdd-f286f98973-HPS8-7.1.x86_64.rpm	XP0032GEFEN	HPS8 (G)	HPS8	
1175	Online HDD/SDD Flash Component for Linux (x64) - XP0032GEFEN, XP0032GDZME, XP0064GEFEP, and XP0064GDZMF Drives	firmware-hdd-f286f98973-HPS8-7.1.x86_64.rpm	XP0032GDZME	HPS8 (G)	HPS8	
1176	Online HDD/SDD Flash Component for Linux (x64) - XP0032GEFEN, XP0032GDZME, XP0064GEFEP, and XP0064GDZMF Drives	firmware-hdd-f286f98973-HPS8-7.1.x86_64.rpm	XP0064GEFEP	HPS8 (G)	HPS8	
1177	Online HDD/SDD Flash Component for Linux (x64) - XP0032GEFEN, XP0032GDZME, XP0064GEFEP, and XP0064GDZMF Drives	firmware-hdd-f286f98973-HPS8-7.1.x86_64.rpm	XP0064GDZMF	HPS8 (G)	HPS8	
1178	Online HDD/SDD Flash Component for Linux (x64) - XP0120GFJSL and XP0240GFJSN Drives	firmware-hdd-d355375539-HPS4-7.1.x86_64.rpm	XP0120GFJSL	HPS4 (G)	HPS4	
1179	Online HDD/SDD Flash Component for Linux (x64) - XP0120GFJSL and XP0240GFJSN Drives	firmware-hdd-d355375539-HPS4-7.1.x86_64.rpm	XP0240GFJSN	HPS4 (G)	HPS4	
1180	Online HDD/SDD Flash Component for VMware ESXi - EK000200GWEPPD, EK000400GWEPE, EK000800GWEPPF and EK001600GWEPPH Drives	CP040680.zip	EK000200GWEPPD	HPG3 (C)	HPG3	
1181	Online HDD/SDD Flash Component for VMware ESXi - EK000200GWEPPD, EK000400GWEPE, EK000800GWEPPF and EK001600GWEPPH Drives	CP040680.zip	EK000400GWEPE	HPG3 (C)	HPG3	

1182	Online HDD/SDD Flash Component for VMware ESXi - EK000200GWEPD, EK000400GWEPE, EK000800GWEPP and EK001600GWEPPH Drives	CP040680.zip	EK000800GWEPP	HPG3 (C)	HPG3	
1183	Online HDD/SDD Flash Component for VMware ESXi - EK000200GWEPD, EK000400GWEPE, EK000800GWEPP and EK001600GWEPPH Drives	CP040680.zip	EK001600GWEPPH	HPG3 (C)	HPG3	
1184	Online HDD/SDD Flash Component for VMware ESXi - MB002000GWFGH and MB001000GWFGF Drives	CP040652.zip	MB002000GWFGH	HPG3 (D)	HPG3	
1185	Online HDD/SDD Flash Component for VMware ESXi - MB002000GWFGH and MB001000GWFGF Drives	CP040652.zip	MB001000GWFGF	HPG3 (D)	HPG3	
1186	Online HDD/SDD Flash Component for VMware ESXi - MB004000GWKGV Drive	CP041493.zip	MB004000GWKGV	HPG1 (B)	HPG1	
1187	Online HDD/SDD Flash Component for VMware ESXi - MB006000GWBXQ and MB008000GWBXL Drives	CP040789.zip	MB006000GWBXQ	HPG8 (B)	HPG8	
1188	Online HDD/SDD Flash Component for VMware ESXi - MB006000GWBXQ and MB008000GWBXL Drives	CP040789.zip	MB008000GWBXL	HPG8 (B)	HPG8	
1189	Online HDD/SDD Flash Component for VMware ESXi - MB006000GWKGR Drive	CP041520.zip	MB006000GWKGR	HPG1 (B)	HPG1	
1190	Online HDD/SDD Flash Component for VMware ESXi - MB008000GWRTC Drive	CP041481.zip	MB008000GWRTC	HPG1 (B)	HPG1	
1191	Online HDD/SDD Flash Component for VMware ESXi - MB010000GWAYN and MB008000GWAYL Drives	CP040638.zip	MB010000GWAYN	HPG5 (C)	HPG5	
1192	Online HDD/SDD Flash Component for VMware ESXi - MB010000GWAYN and MB008000GWAYL Drives	CP040638.zip	MB008000GWAYL	HPG5 (C)	HPG5	
1193	Online HDD/SDD Flash Component for VMware ESXi - MB012000GWDFE Drives	CP040685.zip	MB012000GWDFE	HPG2 (C)	HPG2	
1194	Online HDD/SDD Flash Component for VMware ESXi - MB014000GWUDA Drive	CP041507.zip	MB014000GWUDA	HPG2 (B)	HPG2	
1195	Online HDD/SDD Flash Component for VMware ESXi - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH, and MB4000GVYZK Drives	CP040554.zip	MB1000GVYZE	HPG4 (E)	HPG4	
1196	Online HDD/SDD Flash Component for VMware ESXi - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH, and MB4000GVYZK Drives	CP040554.zip	MB2000GVYZF	HPG4 (E)	HPG4	

1197	Online HDD/SDD Flash Component for VMware ESXi - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH, and MB4000GVYZK Drives	CP040554.zip	MB3000GVYZH	HPG4 (E)	HPG4	
1198	Online HDD/SDD Flash Component for VMware ESXi - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH, and MB4000GVYZK Drives	CP040554.zip	MB4000GVYZK	HPG4 (E)	HPG4	
1199	Online HDD/SDD Flash Component for VMware ESXi - MB2000GCWLT, MB3000GCWLU, and MB4000GCWLV Drives	CP040507.zip	MB2000GCWLT	HPG4 (G)	HPG4	
1200	Online HDD/SDD Flash Component for VMware ESXi - MB2000GCWLT, MB3000GCWLU, and MB4000GCWLV Drives	CP040507.zip	MB3000GCWLU	HPG4 (G)	HPG4	
1201	Online HDD/SDD Flash Component for VMware ESXi - MB2000GCWLT, MB3000GCWLU, and MB4000GCWLV Drives	CP040507.zip	MB4000GCWLV	HPG4 (G)	HPG4	
1202	Online HDD/SDD Flash Component for VMware ESXi - MB2000GFEMH and MB4000GFEMK Drives	CP040642.zip	MB2000GFEMH	HPG6 (E)	HPG6	
1203	Online HDD/SDD Flash Component for VMware ESXi - MB2000GFEMH and MB4000GFEMK Drives	CP040642.zip	MB4000GFEMK	HPG6 (E)	HPG6	
1204	Online HDD/SDD Flash Component for VMware ESXi - MB4000GEQNH and MB6000GEQNK Drives	CP039425.zip	MB4000GEQNH	HPGB (E)	HPGB	
1205	Online HDD/SDD Flash Component for VMware ESXi - MB4000GEQNH and MB6000GEQNK Drives	CP039425.zip	MB6000GEQNK	HPGB (E)	HPGB	
1206	Online HDD/SDD Flash Component for VMware ESXi - MB6000GEQUT and MB8000GEQUU Drives	CP040632.zip	MB6000GEQUT	HPGB (E)	HPGB	
1207	Online HDD/SDD Flash Component for VMware ESXi - MB6000GEQUT and MB8000GEQUU Drives	CP040632.zip	MB8000GEQUU	HPGB (E)	HPGB	
1208	Online HDD/SDD Flash Component for VMware ESXi - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFCB Drives	CP040679.zip	MK000240GWCEU	HPG3 (C)	HPG3	
1209	Online HDD/SDD Flash Component for VMware ESXi - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFCB Drives	CP040679.zip	MK000480GWCEV	HPG3 (C)	HPG3	

1210	Online HDD/SDD Flash Component for VMware ESXi - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	CP040679.zip	MK000960GWCFA	HPG3 (C)	HPG3	
1211	Online HDD/SDD Flash Component for VMware ESXi - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	CP040679.zip	MK001920GWCFB	HPG3 (C)	HPG3	
1212	Online HDD/SDD Flash Component for VMware ESXi - MK003840GWHT E	CP041321.zip	MK003840GWHT E	HPG6 (B)	HPG6	
1213	Online HDD/SDD Flash Component for VMware ESXi - MK0960GECQK Drives	CP039422.zip	MK0960GECQK	HPG3 (H)	HPG3	
1214	Online HDD/SDD Flash Component for VMware ESXi - MM1000GEFQV and MM2000GEFRA Drives	CP040658.zip	MM1000GEFQV	HPG8 (D)	HPG8	
1215	Online HDD/SDD Flash Component for VMware ESXi - MM1000GEFQV and MM2000GEFRA Drives	CP040658.zip	MM2000GEFRA	HPG8 (D)	HPG8	
1216	Online HDD/SDD Flash Component for VMware ESXi - MM1000GFJTE	CP040659.zip	MM1000GFJTE	HPG5 (B)	HPG5	
1217	Online HDD/SDD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP041315.zip	MR000240GWFLU	HPGE (B)	HPGE	
1218	Online HDD/SDD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP041315.zip	MR000480GWFLV	HPGE (B)	HPGE	
1219	Online HDD/SDD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP041315.zip	VR000480GWFMD	HPGE (B)	HPGE	
1220	Online HDD/SDD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP041315.zip	MR000960GWFMA	HPGE (B)	HPGE	

1221	Online HDD/SDD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFM D, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP041315.zip	VR000960GWFM E	HPGE (B)	HPGE	
1222	Online HDD/SDD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFM D, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP041315.zip	MR001920GWFM B	HPGE (B)	HPGE	
1223	Online HDD/SDD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFM D, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP041315.zip	VR001920GWFM C	HPGE (B)	HPGE	
1224	Online HDD/SDD Flash Component for VMware ESXi - VK000240GWCFD, VK000480GWCFE, VK000960GWCF F, VK001920GWCFH and VK003840GWCFK Drives.	CP040671.zip	VK000240GWCFD	HPG3 (C)	HPG3	
1225	Online HDD/SDD Flash Component for VMware ESXi - VK000240GWCFD, VK000480GWCFE, VK000960GWCF F, VK001920GWCFH and VK003840GWCFK Drives.	CP040671.zip	VK000480GWCFE	HPG3 (C)	HPG3	
1226	Online HDD/SDD Flash Component for VMware ESXi - VK000240GWCFD, VK000480GWCFE, VK000960GWCF F, VK001920GWCFH and VK003840GWCFK Drives.	CP040671.zip	VK000960GWCF F	HPG3 (C)	HPG3	
1227	Online HDD/SDD Flash Component for VMware ESXi - VK000240GWCFD, VK000480GWCFE, VK000960GWCF F, VK001920GWCFH and VK003840GWCFK Drives.	CP040671.zip	VK001920GWCFH	HPG3 (C)	HPG3	
1228	Online HDD/SDD Flash Component for VMware ESXi - VK000240GWCFD, VK000480GWCFE, VK000960GWCF F, VK001920GWCFH and VK003840GWCFK Drives.	CP040671.zip	VK003840GWCFK	HPG3 (C)	HPG3	

1229	Online HDD/SDD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP041318.zip	VK000240GWEZB	HPGE (B)	HPGE	
1230	Online HDD/SDD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP041318.zip	VK000480GWEZC	HPGE (B)	HPGE	
1231	Online HDD/SDD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP041318.zip	VK000960GWEZD	HPGE (B)	HPGE	
1232	Online HDD/SDD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP041318.zip	VK001920GWEZE	HPGE (B)	HPGE	
1233	Online HDD/SDD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP041318.zip	MK000240GWEZF	HPGE (B)	HPGE	
1234	Online HDD/SDD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP041318.zip	MK000480GWEZH	HPGE (B)	HPGE	

1235	Online HDD/SDD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP041318.zip	MK000960GWEZK	HPGE (B)	HPGE	
1236	Online HDD/SDD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP041318.zip	MK001920GWHRU	HPGE (B)	HPGE	
1237	Online HDD/SDD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH, MK001920GWUGK Drives	CP040788.zip	VK000480GWSXF	HPG2 (B)	HPG2	
1238	Online HDD/SDD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH, MK001920GWUGK Drives	CP040788.zip	VK000960GWSXH	HPG2 (B)	HPG2	
1239	Online HDD/SDD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH, MK001920GWUGK Drives	CP040788.zip	VK001920GWSXK	HPG2 (B)	HPG2	
1240	Online HDD/SDD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH, MK001920GWUGK Drives	CP040788.zip	MK000480GWUGF	HPG2 (B)	HPG2	
1241	Online HDD/SDD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH, MK001920GWUGK Drives	CP040788.zip	MK000960GWUGH	HPG2 (B)	HPG2	

1242	Online HDD/SDD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH, MK001920GWUGK Drives	CP040788.zip	MK001920GWUGK	HPG2 (B)	HPG2	
1243	Online HDD/SDD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	CP041496.zip	VK000480GWTHA	HPG1 (B)	HPG1	
1244	Online HDD/SDD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	CP041496.zip	VK000960GWTHB	HPG1 (B)	HPG1	
1245	Online HDD/SDD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	CP041496.zip	VK001920GWTHC	HPG1 (B)	HPG1	
1246	Online HDD/SDD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	CP041496.zip	VK003840GWTHD	HPG1 (B)	HPG1	
1247	Online HDD/SDD Flash Component for VMware ESXi - VK003840GWSXL Drive	CP040786.zip	VK003840GWSXL	HPG2 (B)	HPG2	
1248	Online HDD/SDD Flash Component for VMware ESXi - VK007680GWSXN Drive	CP040787.zip	VK007680GWSXN	HPG2 (B)	HPG2	
1249	Online HDD/SDD Flash Component for VMware ESXi - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	CP041559.zip	VK1600GEYJU	HPG5 (B)	HPG5	
1250	Online HDD/SDD Flash Component for VMware ESXi - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	CP041559.zip	VK0800GEYJT	HPG5 (B)	HPG5	

1251	Online HDD/SDD Flash Component for VMware ESXi - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	CP041559.zip	VK0480GEYJR	HPG5 (B)	HPG5	
1252	Online HDD/SDD Flash Component for VMware ESXi - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	CP041559.zip	VK0240GEYJQ	HPG5 (B)	HPG5	
1253	Online HDD/SDD Flash Component for VMware ESXi - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	CP041559.zip	VK0120GEYJP	HPG5 (B)	HPG5	
1254	Online HDD/SDD Flash Component for VMware ESXi - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	CP041559.zip	VK0080GEYJN	HPG5 (B)	HPG5	
1255	Online HDD/SDD Flash Component for VMware ESXi - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	CP041559.zip	LK0200GEYMR	HPG5 (B)	HPG5	

1256	Online HDD/SDD Flash Component for VMware ESXi - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	CP041559.zip	LK0480GFJSK	HPG5 (B)	HPG5	
1257	Online HDD/SDD Flash Component for VMware ESXi - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	CP041559.zip	LK0800GEYMU	HPG5 (B)	HPG5	
1258	Online HDD/SDD Flash Component for VMware ESXi - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	CP041559.zip	LK1600GEYMV	HPG5 (B)	HPG5	
1259	Online HDD/SDD Flash Component for VMware ESXi - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	CP041559.zip	MK0200GEYKC	HPG5 (B)	HPG5	
1260	Online HDD/SDD Flash Component for VMware ESXi - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	CP041559.zip	MK0400GEYKD	HPG5 (B)	HPG5	

1261	Online HDD/SDD Flash Component for VMware ESXi - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	CP041559.zip	MK0800GEYKE	HPG5 (B)	HPG5	
1262	Online HDD/SDD Flash Component for VMware ESXi - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	CP041559.zip	MK1200GEYKF	HPG5 (B)	HPG5	
1263	Online HDD/SDD Flash Component for VMware ESXi - VR000150GWEPP and VR000480GWEPR Drives	CP040667.zip	VR000150GWEPP	HPG1 (C)	HPG1	
1264	Online HDD/SDD Flash Component for VMware ESXi - VR000150GWEPP and VR000480GWEPR Drives	CP040667.zip	VR000480GWEPR	HPG1 (C)	HPG1	
1265	Online HDD/SDD Flash Component for VMware ESXi - XP0032GEFEN, XP0032GDZME, XP0064GEFEP, and XP0064GDZMF Drives	CP040503.zip	XP0032GEFEN	HPS8 (F)	HPS8	
1266	Online HDD/SDD Flash Component for VMware ESXi - XP0032GEFEN, XP0032GDZME, XP0064GEFEP, and XP0064GDZMF Drives	CP040503.zip	XP0032GDZME	HPS8 (F)	HPS8	
1267	Online HDD/SDD Flash Component for VMware ESXi - XP0032GEFEN, XP0032GDZME, XP0064GEFEP, and XP0064GDZMF Drives	CP040503.zip	XP0064GEFEP	HPS8 (F)	HPS8	
1268	Online HDD/SDD Flash Component for VMware ESXi - XP0032GEFEN, XP0032GDZME, XP0064GEFEP, and XP0064GDZMF Drives	CP040503.zip	XP0064GDZMF	HPS8 (F)	HPS8	
1269	Online HDD/SDD Flash Component for VMware ESXi - XP0120GFJSL and XP0240GFJSN Drives	CP040520.zip	XP0120GFJSL	HPS4 (F)	HPS4	
1270	Online HDD/SDD Flash Component for VMware ESXi - XP0120GFJSL and XP0240GFJSN Drives	CP040520.zip	XP0240GFJSN	HPS4 (F)	HPS4	

1271	Online HDD/SDD Flash Component for Windows (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPP and EK001600GWEPH Drives	cp040489.exe	EK000200GWEPD	HPG3 (C)	HPG3	
1272	Online HDD/SDD Flash Component for Windows (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPP and EK001600GWEPH Drives	cp040489.exe	EK000400GWEPE	HPG3 (C)	HPG3	
1273	Online HDD/SDD Flash Component for Windows (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPP and EK001600GWEPH Drives	cp040489.exe	EK000800GWEPP	HPG3 (C)	HPG3	
1274	Online HDD/SDD Flash Component for Windows (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPP and EK001600GWEPH Drives	cp040489.exe	EK001600GWEPH	HPG3 (C)	HPG3	
1275	Online HDD/SDD Flash Component for Windows (x64) - MB001000GWCBC and MB002000GWCBD Drives	cp040791.exe	MB001000GWCBC C	HPG6 (B)	HPG6	
1276	Online HDD/SDD Flash Component for Windows (x64) - MB001000GWCBC and MB002000GWCBD Drives	cp040791.exe	MB002000GWCBC D	HPG6 (B)	HPG6	
1277	Online HDD/SDD Flash Component for Windows (x64) - MB001000GFWFK and MB002000GFWFL Drives	cp040792.exe	MB001000GFWFK K	HPG6 (B)	HPG6	
1278	Online HDD/SDD Flash Component for Windows (x64) - MB001000GFWFK and MB002000GFWFL Drives	cp040792.exe	MB002000GFWFK L	HPG6 (B)	HPG6	
1279	Online HDD/SDD Flash Component for Windows (x64) - MB001000GWJAN, MB002000GFWFA and MB004000GFWFB Drives	cp040483.exe	MB001000GWJAN	HPG1 (B)	HPG1	
1280	Online HDD/SDD Flash Component for Windows (x64) - MB001000GWJAN, MB002000GFWFA and MB004000GFWFB Drives	cp040483.exe	MB002000GFWFA A	HPG1 (B)	HPG1	
1281	Online HDD/SDD Flash Component for Windows (x64) - MB001000GWJAN, MB002000GFWFA and MB004000GFWFB Drives	cp040483.exe	MB004000GFWFB B	HPG1 (B)	HPG1	
1282	Online HDD/SDD Flash Component for Windows (x64) - MB002000GWFGH and MB001000GWFGF Drives	cp040452.exe	MB001000GWFG F	HPG3 (D)	HPG3	
1283	Online HDD/SDD Flash Component for Windows (x64) - MB002000GWFGH and MB001000GWFGF Drives	cp040452.exe	MB002000GWFG H	HPG3 (D)	HPG3	

1284	Online HDD/SDD Flash Component for Windows (x64) - MB004000GWKGV Drive	cp041495.exe	MB004000GWKGV	HPG1 (B)	HPG1	
1285	Online HDD/SDD Flash Component for Windows (x64) - MB006000GWBXQ and MB008000GWBYL Drives	cp040796.exe	MB006000GWBXQ	HPG8 (B)	HPG8	
1286	Online HDD/SDD Flash Component for Windows (x64) - MB006000GWBXQ and MB008000GWBYL Drives	cp040796.exe	MB008000GWBYL	HPG8 (B)	HPG8	
1287	Online HDD/SDD Flash Component for Windows (x64) - MB006000GWKGR Drive	cp041522.exe	MB006000GWKGR	HPG1 (B)	HPG1	
1288	Online HDD/SDD Flash Component for Windows (x64) - MB008000GWRTC Drive	cp041486.exe	MB008000GWRTC	HPG1 (B)	HPG1	
1289	Online HDD/SDD Flash Component for Windows (x64) - MB010000GWAYN and MB008000GWAYL Drives	cp040448.exe	MB010000GWAYN	HPG5 (C)	HPG5	
1290	Online HDD/SDD Flash Component for Windows (x64) - MB010000GWAYN and MB008000GWAYL Drives	cp040448.exe	MB008000GWAYL	HPG5 (C)	HPG5	
1291	Online HDD/SDD Flash Component for Windows (x64) - MB012000GWDFF Drives	cp040457.exe	MB012000GWDFF	HPG2 (C)	HPG2	
1292	Online HDD/SDD Flash Component for Windows (x64) - MB012000GWTFF and MB014000GWTFF Drives	cp042461.exe	MB012000GWTFF	HPG6	HPG6	新規追加
1293	Online HDD/SDD Flash Component for Windows (x64) - MB012000GWTFF and MB014000GWTFF Drives	cp042461.exe	MB014000GWTFF	HPG6	HPG6	新規追加
1294	Online HDD/SDD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	cp041454.exe	MB014000GWRTN	HPG2 (B)	HPG2	
1295	Online HDD/SDD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	cp041454.exe	MB012000GWRTL	HPG2 (B)	HPG2	
1296	Online HDD/SDD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	cp041454.exe	MB010000GWRTK	HPG2 (B)	HPG2	
1297	Online HDD/SDD Flash Component for Windows (x64) - MB014000GWUDA Drive	cp041509.exe	MB014000GWUDA	HPG2 (B)	HPG2	
1298	Online HDD/SDD Flash Component for Windows (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA, and MB4000GDUPB Drives	cp040403.exe	MB1000GDUNU	HPG4 (F)	HPG4	

1299	Online HDD/SDD Flash Component for Windows (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA, and MB4000GDUPB Drives	cp040403.exe	MB2000GDUNV	HPG4 (F)	HPG4	
1300	Online HDD/SDD Flash Component for Windows (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA, and MB4000GDUPB Drives	cp040403.exe	MB3000GDUPA	HPG4 (F)	HPG4	
1301	Online HDD/SDD Flash Component for Windows (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA, and MB4000GDUPB Drives	cp040403.exe	MB4000GDUPB	HPG4 (F)	HPG4	
1302	Online HDD/SDD Flash Component for Windows (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH, and MB4000GVYZK Drives	cp040430.exe	MB1000GVYZE	HPG4 (F)	HPG4	
1303	Online HDD/SDD Flash Component for Windows (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH, and MB4000GVYZK Drives	cp040430.exe	MB2000GVYZF	HPG4 (F)	HPG4	
1304	Online HDD/SDD Flash Component for Windows (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH, and MB4000GVYZK Drives	cp040430.exe	MB3000GVYZH	HPG4 (F)	HPG4	
1305	Online HDD/SDD Flash Component for Windows (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH, and MB4000GVYZK Drives	cp040430.exe	MB4000GVYZK	HPG4 (F)	HPG4	
1306	Online HDD/SDD Flash Component for Windows (x64) - MB2000GCWLT, MB3000GCWLU, and MB4000GCWLV Drives	cp040404.exe	MB2000GCWLT	HPG4 (F)	HPG4	
1307	Online HDD/SDD Flash Component for Windows (x64) - MB2000GCWLT, MB3000GCWLU, and MB4000GCWLV Drives	cp040404.exe	MB3000GCWLU	HPG4 (F)	HPG4	
1308	Online HDD/SDD Flash Component for Windows (x64) - MB2000GCWLT, MB3000GCWLU, and MB4000GCWLV Drives	cp040404.exe	MB4000GCWLV	HPG4 (F)	HPG4	
1309	Online HDD/SDD Flash Component for Windows (x64) - MB2000GFEMH and MB4000GFEMK Drives	cp040447.exe	MB2000GFEMH	HPG6 (E)	HPG6	
1310	Online HDD/SDD Flash Component for Windows (x64) - MB2000GFEMH and MB4000GFEMK Drives	cp040447.exe	MB4000GFEMK	HPG6 (E)	HPG6	

1311	Online HDD/SDD Flash Component for Windows (x64) - MB4000GEFNA and MB6000GEFNB Drives	cp040387.exe	MB4000GEFNA	HPG6 (F)	HPG6	
1312	Online HDD/SDD Flash Component for Windows (x64) - MB4000GEFNA and MB6000GEFNB Drives	cp040387.exe	MB6000GEFNB	HPG6 (F)	HPG6	
1313	Online HDD/SDD Flash Component for Windows (x64) - MB4000GEQNH and MB6000GEQNK Drives	cp040391.exe	MB4000GEQNH	HPGB (E)	HPGB	
1314	Online HDD/SDD Flash Component for Windows (x64) - MB4000GEQNH and MB6000GEQNK Drives	cp040391.exe	MB6000GEQNK	HPGB (E)	HPGB	
1315	Online HDD/SDD Flash Component for Windows (x64) - MB6000GEBTP Drives	cp040428.exe	MB6000GEBTP	HPG4 (E)	HPG4	
1316	Online HDD/SDD Flash Component for Windows (x64) - MB6000GEQUT and MB8000GEQUU Drives	cp040451.exe	MB6000GEQUT	HPGB (E)	HPGB	
1317	Online HDD/SDD Flash Component for Windows (x64) - MB6000GEQUT and MB8000GEQUU Drives	cp040451.exe	MB8000GEQUU	HPGB (E)	HPGB	
1318	Online HDD/SDD Flash Component for Windows (x64) - MB6000GEXXV Drives	cp040409.exe	MB6000GEXXV	HPG2 (F)	HPG2	
1319	Online HDD/SDD Flash Component for Windows (x64) - MB6000GVYYU Drives	cp040485.exe	MB6000GVYYU	HPG2 (E)	HPG2	
1320	Online HDD/SDD Flash Component for Windows (x64) - MB6000GVYZB and MB4000GVYZA Drives	cp040459.exe	MB6000GVYZB	HPG4 (B)	HPG4	
1321	Online HDD/SDD Flash Component for Windows (x64) - MB6000GVYZB and MB4000GVYZA Drives	cp040459.exe	MB4000GVYZA	HPG4 (B)	HPG4	
1322	Online HDD/SDD Flash Component for Windows (x64) - MB8000GFECR Drives	cp040410.exe	MB8000GFECR	HPG6 (B)	HPG6	
1323	Online HDD/SDD Flash Component for Windows (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	cp040484.exe	MK000480GWCEV	HPG3 (C)	HPG3	
1324	Online HDD/SDD Flash Component for Windows (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	cp040484.exe	MK000960GWCFA	HPG3 (C)	HPG3	
1325	Online HDD/SDD Flash Component for Windows (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	cp040484.exe	MK001920GWCFB	HPG3 (C)	HPG3	

1326	Online HDD/SDD Flash Component for Windows (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCF A and MK001920GWCFB Drives	cp040484.exe	MK000240GWCEU	HPG3 (C)	HPG3	
1327	Online HDD/SDD Flash Component for Windows (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	cp041678.exe	MK000480GWSSC	HPG1	HPG1	新規追加
1328	Online HDD/SDD Flash Component for Windows (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	cp041678.exe	MK000960GWSSD	HPG1	HPG1	新規追加
1329	Online HDD/SDD Flash Component for Windows (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	cp041678.exe	MK001920GWSSE	HPG1	HPG1	新規追加
1330	Online HDD/SDD Flash Component for Windows (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	cp041678.exe	MK003840GWSSF	HPG1	HPG1	新規追加
1331	Online HDD/SDD Flash Component for Windows (x64) - MK003840GWHT E Drives	cp041323.exe	MK003840GWHT E	HPG6 (B)	HPG6	
1332	Online HDD/SDD Flash Component for Windows (x64) - MK0960GECQK Drives	cp040388.exe	MK0960GECQK	HPG3 (H)	HPG3	
1333	Online HDD/SDD Flash Component for Windows (x64) - MM1000GEFQV and MM2000GEFRA Drives	cp040397.exe	MM1000GEFQV	HPG8 (D)	HPG8	
1334	Online HDD/SDD Flash Component for Windows (x64) - MM1000GEFQV and MM2000GEFRA Drives	cp040397.exe	MM2000GEFRA	HPG8 (D)	HPG8	
1335	Online HDD/SDD Flash Component for Windows (x64) - MM1000GFJTE Drives	cp040472.exe	MM1000GFJTE	HPG5 (B)	HPG5	
1336	Online HDD/SDD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp041317.exe	MR000240GWFLU	HPGE (B)	HPGE	
1337	Online HDD/SDD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp041317.exe	MR000480GWFLV	HPGE (B)	HPGE	

1338	Online HDD/SDD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFM D, MR000960GWFM A, VR000960GWFM E, MR001920GWFM B and VR001920GWFM C Drives	cp041317.exe	VR000480GWFM D	HPGE (B)	HPGE	
1339	Online HDD/SDD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFM D, MR000960GWFM A, VR000960GWFM E, MR001920GWFM B and VR001920GWFM C Drives	cp041317.exe	MR000960GWFM A	HPGE (B)	HPGE	
1340	Online HDD/SDD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFM D, MR000960GWFM A, VR000960GWFM E, MR001920GWFM B and VR001920GWFM C Drives	cp041317.exe	VR000960GWFM E	HPGE (B)	HPGE	
1341	Online HDD/SDD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFM D, MR000960GWFM A, VR000960GWFM E, MR001920GWFM B and VR001920GWFM C Drives	cp041317.exe	MR001920GWFM B	HPGE (B)	HPGE	
1342	Online HDD/SDD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFM D, MR000960GWFM A, VR000960GWFM E, MR001920GWFM B and VR001920GWFM C Drives	cp041317.exe	VR001920GWFM C	HPGE (B)	HPGE	
1343	Online HDD/SDD Flash Component for Windows (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	cp040476.exe	VK000150GWCNN	HPG1 (B)	HPG1	
1344	Online HDD/SDD Flash Component for Windows (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	cp040476.exe	VK000240GWCNP	HPG1 (B)	HPG1	
1345	Online HDD/SDD Flash Component for Windows (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	cp040476.exe	VK000480GWCN Q	HPG1 (B)	HPG1	

1346	Online HDD/SDD Flash Component for Windows (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	cp040476.exe	VK000960GWCNR	HPG1 (B)	HPG1	
1347	Online HDD/SDD Flash Component for Windows (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	cp040476.exe	VK001600GWCNT	HPG1 (B)	HPG1	
1348	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	cp040477.exe	VK000480GWCFE	HPG3 (C)	HPG3	
1349	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	cp040477.exe	VK000960GWCFE	HPG3 (C)	HPG3	
1350	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	cp040477.exe	VK000240GWCFD	HPG3 (C)	HPG3	
1351	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	cp040477.exe	VK001920GWCFH	HPG3 (C)	HPG3	
1352	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	cp040477.exe	VK003840GWCFK	HPG3 (C)	HPG3	
1353	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp041320.exe	VK000240GWEZB	HPGE (B)	HPGE	

1354	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp041320.exe	VK000480GWEZC	HPGE (B)	HPGE	
1355	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp041320.exe	VK000960GWEZD	HPGE (B)	HPGE	
1356	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp041320.exe	VK001920GWEZE	HPGE (B)	HPGE	
1357	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp041320.exe	MK000240GWEZF	HPGE (B)	HPGE	
1358	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp041320.exe	MK000480GWEZH	HPGE (B)	HPGE	
1359	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp041320.exe	MK000960GWEZK	HPGE (B)	HPGE	

1360	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp041320.exe	MK001920GWHRU	HPGE (B)	HPGE	
1361	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	cp040469.exe	MK000240GWKVK	HPG5 (B)	HPG5	
1362	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	cp040469.exe	MK000480GWJPN	HPG5 (B)	HPG5	
1363	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	cp040469.exe	MK000960GWJPP	HPG5 (B)	HPG5	
1364	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	cp040469.exe	MK001920GWJPPQ	HPG5 (B)	HPG5	
1365	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	cp040469.exe	VK000240GWJPD	HPG5 (B)	HPG5	

1366	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	cp040469.exe	VK000480GWJPE	HPG5 (B)	HPG5	
1367	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	cp040469.exe	VK000960GWJPF	HPG5 (B)	HPG5	
1368	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	cp040469.exe	VK001920GWJPH	HPG5 (B)	HPG5	
1369	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	cp040469.exe	VK003840GWJPK	HPG5 (B)	HPG5	
1370	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	cp041312.exe	VK000240GWSRQ	HPG2 (B)	HPG2	
1371	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	cp041312.exe	VK000480GWSRR	HPG2 (B)	HPG2	
1372	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	cp041312.exe	VK000960GWSRT	HPG2 (B)	HPG2	

1373	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	cp041312.exe	VK001920GWSRU	HPG2 (B)	HPG2	
1374	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	cp041312.exe	VK003840GWSRV	HPG2 (B)	HPG2	
1375	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp040797.exe	VK000240GWTSV	HPG3 (B)	HPG3	
1376	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp040797.exe	VK000480GWTTA	HPG3 (B)	HPG3	
1377	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp040797.exe	VK000960GWTTB	HPG3 (B)	HPG3	
1378	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp040797.exe	VK001920GWTTT	HPG3 (B)	HPG3	

1379	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp040797.exe	VK003840GWTTD	HPG3 (B)	HPG3	
1380	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp040797.exe	MK000480GWTT H	HPG3 (B)	HPG3	
1381	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp040797.exe	MK000960GWTTK	HPG3 (B)	HPG3	
1382	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp040797.exe	MK001920GWTTL	HPG3 (B)	HPG3	
1383	Online HDD/SDD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	cp040797.exe	MK003840GWTT N	HPG3 (B)	HPG3	
1384	Online HDD/SDD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH, MK001920GWUGK Drives	cp040795.exe	VK000480GWSXF	HPG2 (B)	HPG2	

1385	Online HDD/SDD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH, MK001920GWUGK Drives	cp040795.exe	VK000960GWSXH	HPG2 (B)	HPG2	
1386	Online HDD/SDD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH, MK001920GWUGK Drives	cp040795.exe	VK001920GWSXK	HPG2 (B)	HPG2	
1387	Online HDD/SDD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH, MK001920GWUGK Drives	cp040795.exe	MK000480GWUG F	HPG2 (B)	HPG2	
1388	Online HDD/SDD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH, MK001920GWUGK Drives	cp040795.exe	MK000960GWUG H	HPG2 (B)	HPG2	
1389	Online HDD/SDD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH, MK001920GWUGK Drives	cp040795.exe	MK001920GWUG K	HPG2 (B)	HPG2	
1390	Online HDD/SDD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp041498.exe	VK000480GWTHA	HPG1 (B)	HPG1	
1391	Online HDD/SDD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp041498.exe	VK000960GWTHB	HPG1 (B)	HPG1	
1392	Online HDD/SDD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp041498.exe	VK001920GWTHC	HPG1 (B)	HPG1	
1393	Online HDD/SDD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp041498.exe	VK003840GWTHD	HPG1 (B)	HPG1	

1394	Online HDD/SDD Flash Component for Windows (x64) - VK003840GWSXL Drive	cp040793.exe	VK003840GWSXL	HPG2 (B)	HPG2	
1395	Online HDD/SDD Flash Component for Windows (x64) - VK007680GWSXN Drive	cp040794.exe	VK007680GWSXN	HPG2 (B)	HPG2	
1396	Online HDD/SDD Flash Component for Windows (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	cp041557.exe	VK1600GEYJU	HPG5 (B)	HPG5	
1397	Online HDD/SDD Flash Component for Windows (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	cp041557.exe	VK0800GEYJT	HPG5 (B)	HPG5	
1398	Online HDD/SDD Flash Component for Windows (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	cp041557.exe	VK0480GEYJR	HPG5 (B)	HPG5	
1399	Online HDD/SDD Flash Component for Windows (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	cp041557.exe	VK0240GEYJQ	HPG5 (B)	HPG5	

1400	Online HDD/SDD Flash Component for Windows (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	cp041557.exe	VK0120GEYJP	HPG5 (B)	HPG5	
1401	Online HDD/SDD Flash Component for Windows (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	cp041557.exe	VK0080GEYJN	HPG5 (B)	HPG5	
1402	Online HDD/SDD Flash Component for Windows (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	cp041557.exe	LK0200GEYMR	HPG5 (B)	HPG5	
1403	Online HDD/SDD Flash Component for Windows (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	cp041557.exe	LK0480GFJSK	HPG5 (B)	HPG5	
1404	Online HDD/SDD Flash Component for Windows (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	cp041557.exe	LK0800GEYMU	HPG5 (B)	HPG5	

1405	Online HDD/SDD Flash Component for Windows (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	cp041557.exe	LK1600GEYMV	HPG5 (B)	HPG5	
1406	Online HDD/SDD Flash Component for Windows (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	cp041557.exe	MK0200GEYKC	HPG5 (B)	HPG5	
1407	Online HDD/SDD Flash Component for Windows (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	cp041557.exe	MK0400GEYKD	HPG5 (B)	HPG5	
1408	Online HDD/SDD Flash Component for Windows (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	cp041557.exe	MK0800GEYKE	HPG5 (B)	HPG5	
1409	Online HDD/SDD Flash Component for Windows (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives	cp041557.exe	MK1200GEYKF	HPG5 (B)	HPG5	
1410	Online HDD/SDD Flash	cp040412.exe	VK0120GFDKE	HPG1 (E)	HPG1	

	Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives					
1411	Online HDD/SDD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	cp040412.exe	VK0240GFDKF	HPG1 (E)	HPG1	
1412	Online HDD/SDD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	cp040412.exe	VK0480GFDKH	HPG1 (E)	HPG1	
1413	Online HDD/SDD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	cp040412.exe	VK0960GFDKK	HPG1 (E)	HPG1	
1414	Online HDD/SDD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	cp040412.exe	VK1920GFDKL	HPG1 (E)	HPG1	
1415	Online HDD/SDD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	cp040412.exe	VK3840GFDKN	HPG1 (E)	HPG1	
1416	Online HDD/SDD Flash Component for Windows (x64) - VK0240GEPQN, VK0480GEPQP, and VK0960GEPQQ Drives	cp040417.exe	VK0240GEPQN	HPG1 (E)	HPG1	
1417	Online HDD/SDD Flash Component for Windows (x64) - VK0240GEPQN, VK0480GEPQP, and VK0960GEPQQ Drives	cp040417.exe	VK0480GEPQP	HPG1 (E)	HPG1	
1418	Online HDD/SDD Flash Component for Windows (x64) - VK0240GEPQN, VK0480GEPQP, and VK0960GEPQQ Drives	cp040417.exe	VK0960GEPQQ	HPG1 (E)	HPG1	
1419	Online HDD/SDD Flash Component for Windows (x64) - VR000150GWEPP and VR000480GWEPR Drives	cp040478.exe	VR000150GWEPP	HPG1 (C)	HPG1	

1420	Online HDD/SDD Flash Component for Windows (x64) - VR000150GWEPP and VR000480GWEPR Drives	cp040478.exe	VR000480GWEPR	HPG1 (C)	HPG1	
1421	Online HDD/SDD Flash Component for Windows (x64) - XP0032GEFEN, XP0032GDZME, XP0064GEFEP, and XP0064GDZMF Drives	cp040400.exe	XP0032GEFEN	HPS8 (E)	HPS8	
1422	Online HDD/SDD Flash Component for Windows (x64) - XP0032GEFEN, XP0032GDZME, XP0064GEFEP, and XP0064GDZMF Drives	cp040400.exe	XP0032GDZME	HPS8 (E)	HPS8	
1423	Online HDD/SDD Flash Component for Windows (x64) - XP0032GEFEN, XP0032GDZME, XP0064GEFEP, and XP0064GDZMF Drives	cp040400.exe	XP0064GEFEP	HPS8 (E)	HPS8	
1424	Online HDD/SDD Flash Component for Windows (x64) - XP0032GEFEN, XP0032GDZME, XP0064GEFEP, and XP0064GDZMF Drives	cp040400.exe	XP0064GDZMF	HPS8 (E)	HPS8	
1425	Online HDD/SDD Flash Component for Windows (x64) - XP0120GFJSL and XP0240GFJSN Drives	cp040415.exe	XP0120GFJSL	HPS4 (E)	HPS4	
1426	Online HDD/SDD Flash Component for Windows (x64) - XP0120GFJSL and XP0240GFJSN Drives	cp040415.exe	XP0240GFJSN	HPS4 (E)	HPS4	
1427	Online HDD/SSD Flash Component for VMware ESXi - MB6000GVYYU Drives	CP040549.zip	MB6000GVYYU	HPG2 (E)	HPG2	

6.2.17 Firmware - Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
1428	Online ROM Flash Component for VMware ESXi – HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers	CP040617.zip	HPE 12Gb SAS Expander Card	4.22	4.22	
1429	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	CP043368.zip	HPE Smart Array P816i-a SR Gen10 Controller	2.65	2.65	更新
1430	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	CP043368.zip	HPE Smart Array P408i-a SR Gen10 Controller	2.65	2.65	更新

1431	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	CP043368.zip	HPE Smart Array P408i-p SR Gen10 Controller	2.65	2.65	更新
1432	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	CP043368.zip	HPE Smart Array E208e-p SR Gen10 Controller	2.65	2.65	更新
1433	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	CP043368.zip	HPE Smart Array E208i-p SR Gen10 Controller	2.65	2.65	更新
1434	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	CP043368.zip	HPE Smart Array E208i-a SR Gen10 Controller	2.65	2.65	更新
1435	Online ROM Flash Component for Windows (x64) - HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers	cp040619.exe	HPE 12Gb SAS Expander Card	4.22	4.22	
1436	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	cp043370.exe	HPE Smart Array P816i-a SR Gen10 Controller	2.65	2.65	更新
1437	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	cp043370.exe	HPE Smart Array P408i-a SR Gen10 Controller	2.65	2.65	更新
1438	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	cp043370.exe	HPE Smart Array P408i-p SR Gen10 Controller	2.65	2.65	更新

1439	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	cp043370.exe	HPE Smart Array E208e-p SR Gen10 Controller	2.65	2.65	更新
1440	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	cp043370.exe	HPE Smart Array E208i-p SR Gen10 Controller	2.65	2.65	更新
1441	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	cp043370.exe	HPE Smart Array E208i-a SR Gen10 Controller	2.65	2.65	更新
1442	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-2de15b6882-4.22-1.1.x86_64.rpm	HPE 12Gb SAS Expander Card	4.22	4.22	
1443	Supplemental Update / Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	firmware-smartarray-f7c07bdbbd-2.65-1.1.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	2.65	2.65	更新
1444	Supplemental Update / Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	firmware-smartarray-f7c07bdbbd-2.65-1.1.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	2.65	2.65	更新
1445	Supplemental Update / Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	firmware-smartarray-f7c07bdbbd-2.65-1.1.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	2.65	2.65	更新

1446	Supplemental Update / Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	firmware-smartarray-f7c07bdbbd-2.65-1.1.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	2.65	2.65	更新
1447	Supplemental Update / Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	firmware-smartarray-f7c07bdbbd-2.65-1.1.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	2.65	2.65	更新
1448	Supplemental Update / Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	firmware-smartarray-f7c07bdbbd-2.65-1.1.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	2.65	2.65	更新

6.2.18 Firmware - Storage Fibre Channel

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
1449	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2019.12.02-1.1.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.14	更新
1450	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2019.12.02-1.1.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.14	更新
1451	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2019.12.02-1.1.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.14	更新
1452	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2019.12.02-1.1.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.14	更新
1453	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP042606.zip	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.14	更新
1454	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP042606.zip	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.14	更新

1455	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP042606.zip	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.14	更新
1456	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP042606.zip	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.14	更新
1457	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP042605.zip	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.14	更新
1458	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP042605.zip	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.14	更新
1459	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP042605.zip	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.14	更新
1460	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP042605.zip	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.14	更新
1461	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Windows 2012 R2/2016/2019 x64	cp042603.exe	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.14	更新
1462	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Windows 2012 R2/2016/2019 x64	cp042603.exe	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.14	更新
1463	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Windows 2012 R2/2016/2019 x64	cp042603.exe	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.14	更新
1464	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Windows 2012 R2/2016/2019 x64	cp042603.exe	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.14	更新
1465	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2019.12.03-1.1.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.03	01.73.08	更新
1466	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2019.12.03-1.1.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2019.12.03	01.73.08	更新
1467	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2019.12.03-1.1.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.03	01.73.08	更新

1468	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2019.12.03-1.1.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2019.12.03	01.73.08	更新
1469	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP042995.zip	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.03	01.73.08	更新
1470	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP042995.zip	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2019.12.03	01.73.08	更新
1471	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP042995.zip	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.03	01.73.08	更新
1472	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP042995.zip	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2019.12.03	01.73.08	更新
1473	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP042996.zip	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.03	01.73.08	更新
1474	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP042996.zip	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2019.12.03	01.73.08	更新
1475	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP042996.zip	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.03	01.73.08	更新
1476	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP042996.zip	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2019.12.03	01.73.08	更新
1477	HPE Firmware Online Flash for QLogic Fibre Channel Host Bus Adapters - Windows 2012R2 (x86_64)	cp043345.exe	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.02	01.73.08	新規追加
1478	HPE Firmware Online Flash for QLogic Fibre Channel Host Bus Adapters - Windows 2012R2 (x86_64)	cp043345.exe	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2019.12.02	01.73.08	新規追加
1479	HPE Firmware Online Flash for QLogic Fibre Channel Host Bus Adapters - Windows 2012R2 (x86_64)	cp043345.exe	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.02	01.73.08	新規追加
1480	HPE Firmware Online Flash for QLogic Fibre Channel Host Bus Adapters - Windows 2012R2 (x86_64)	cp043345.exe	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2019.12.02	01.73.08	新規追加
1481	HPE Firmware Online Flash	cp042998.exe	HPE StoreFabric	2019.12.03	01.73.08	更新

	for QLogic Fibre Channel Host Bus Adapters - Windows 2012R2/2016/2019 (x86_64)		SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter			
1482	HPE Firmware Online Flash for QLogic Fibre Channel Host Bus Adapters - Windows 2012R2/2016/2019 (x86_64)	cp042998.exe	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2019.12.03	01.73.08	更新
1483	HPE Firmware Online Flash for QLogic Fibre Channel Host Bus Adapters - Windows 2012R2/2016/2019 (x86_64)	cp042998.exe	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.03	01.73.08	更新
1484	HPE Firmware Online Flash for QLogic Fibre Channel Host Bus Adapters - Windows 2012R2/2016/2019 (x86_64)	cp042998.exe	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2019.12.03	01.73.08	更新

6.2.19 Firmware – System

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
1485	Firmware Package - Gen10 NVMe Backplane PIC Firmware	ISS_NVMe_BP_PIC_flashV1B20.fwpkg	NVMe Backplane PIC	1.20	1.20	
1486	Online Flash Component for Linux - Gen10 NVMe Backplane PIC Firmware	firmware-nvmebackplane-gen10-1.20-5.1.x86_64.rpm	NVMe Backplane PIC	1.20 (E)	1.20	
1487	Online Flash Component for Windows x64 - Gen10 NVMe Backplane PIC Firmware	cp037722.exe	NVMe Backplane PIC	1.20 (D)	1.20	
1488	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-0.2.1.2-1.1.x86_64.rpm	Innovation Engine (IE) Firmware	0.2.1.2	0.2.1.2	
1489	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-04.01.04.339-1.1.x86_64.rpm	Server Platform Services (SPS) Firmware	04.01.04.339	04.01.04.339	
1490	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	cp041722.exe	Server Platform Services (SPS) Firmware	04.01.04.339	04.01.04.339	
1491	Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	cp042342.exe	Server Platform Services (SPS) Firmware for Intel C242 and C...	05.01.03.094	05.01.03.094	
1492	Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	firmware-u43u44sps-05.01.03.094-1.1.x86_64.rpm	Server Platform Services (SPS) Firmware for Intel C242 and C...	05.01.03.094	05.01.03.094	

1493	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_0.2.1.2.fwpkg	Innovation Engine (IE) Universal Image	0.2.1.2	0.2.1.2	
1494	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_04.01.04.339.fwpkg	Server Platform Services (SPS) Firmware	04.01.04.339	4.1.4.339	
1495	ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	OEM.U43U44SPS_05.01.03.094.fwpkg	Server Platform Services (SPS) Firmware	05.01.03.094	05.01.03.094	

6.2.20 Software - Lights-Out Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
1496	HP Lights-Out Online Configuration Utility for Linux (AMD64/EM64T)	hponcfg-5.5.0-0.x86_64.rpm	-	5.5.0-0	5.5.0-0	
1497	HP Lights-Out Online Configuration Utility for Windows x64 Editions	cp037416.exe	-	5.3.0.0	5.3.0.0	

6.2.21 Software - Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
1498	HPE Management Bundle Smart Component for ESXi 6.5	cp040137.zip	-	2019.12.01	2019.12.01	
1499	HPE Management Bundle Smart Component for ESXi 6.7	cp040138.zip	-	2019.12.01	2019.12.01	

6.2.22 Software - Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
1500	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp037793.exe	HPE Smart Array P408i-a SR Gen10 Controller	1.2.1.64	1.2.1.64	
1501	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp037793.exe	HPE Smart Array P408i-p SR Gen10 Controller	1.2.1.64	1.2.1.64	
1502	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp037793.exe	HPE Smart Array P816i-a SR Gen10 Controller	1.2.1.64	1.2.1.64	
1503	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp037793.exe	HPE Smart Array E208e-p SR Gen10 Controller	1.2.1.64	1.2.1.64	

1504	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp037793.exe	HPE Smart Array E208i-p SR Gen10 Controller	1.2.1.64	1.2.1.64	
1505	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp037793.exe	HPE Smart Array E208i-a SR Gen10 Controller	1.2.1.64	1.2.1.64	

6.2.23 Software - Storage Fibre Channel

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
1506	Emulex Fibre Channel driver component for VMware vSphere 6.5	cp041713.zip	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.6-10 EM.650.0.0.4 598673	更新
1507	Emulex Fibre Channel driver component for VMware vSphere 6.5	cp041713.zip	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.6-10 EM.650.0.0.4 598673	更新
1508	Emulex Fibre Channel driver component for VMware vSphere 6.5	cp041713.zip	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.6-10 EM.650.0.0.4 598673	更新
1509	Emulex Fibre Channel driver component for VMware vSphere 6.5	cp041713.zip	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.6-10 EM.650.0.0.4 598673	更新
1510	Emulex Fibre Channel driver component for VMware vSphere 6.7	cp041714.zip	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.6-10 EM.670.0.0.8 169922	更新
1511	Emulex Fibre Channel driver component for VMware vSphere 6.7	cp041714.zip	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.6-10 EM.670.0.0.8 169922	更新
1512	Emulex Fibre Channel driver component for VMware vSphere 6.7	cp041714.zip	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.6-10 EM.670.0.0.8 169922	更新
1513	Emulex Fibre Channel driver component for VMware vSphere 6.7	cp041714.zip	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2019.12.02	12.4.270.6-10 EM.670.0.0.8 169922	更新
1514	QLogic Fibre Channel driver component for VMware vSphere 6.5	cp042818.zip	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.02	2.1.96.0-10E M.600.0.0.27 68847	更新
1515	QLogic Fibre Channel driver component for VMware vSphere 6.5	cp042818.zip	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2019.12.02	2.1.96.0-10E M.600.0.0.27 68847	更新

1516	QLogic Fibre Channel driver component for VMware vSphere 6.5	cp042818.zip	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.02	2.1.96.0-10E M.600.0.0.27 68847	更新
1517	QLogic Fibre Channel driver component for VMware vSphere 6.5	cp042818.zip	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2019.12.02	2.1.96.0-10E M.600.0.0.27 68847	更新
1518	QLogic Fibre Channel driver component for VMware vSphere 6.7	cp042819.zip	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.02	3.1.31.0-10E M.670.0.0.81 69922	更新
1519	QLogic Fibre Channel driver component for VMware vSphere 6.7	cp042819.zip	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2019.12.02	3.1.31.0-10E M.670.0.0.81 69922	更新
1520	QLogic Fibre Channel driver component for VMware vSphere 6.7	cp042819.zip	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.12.02	3.1.31.0-10E M.670.0.0.81 69922	更新
1521	QLogic Fibre Channel driver component for VMware vSphere 6.7	cp042819.zip	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2019.12.02	3.1.31.0-10E M.670.0.0.81 69922	更新

6.2.24 Software - Storage Fibre Channel HBA

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
1522	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL)	fibreutils-4.1-1_rhel.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	4.1-1 (b)	4.1-1_rhel	
1523	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL)	fibreutils-4.1-1_rhel.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	4.1-1 (b)	4.1-1_rhel	
1524	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL)	fibreutils-4.1-1_rhel.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	4.1-1 (b)	4.1-1_rhel	
1525	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL)	fibreutils-4.1-1_rhel.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	4.1-1 (b)	4.1-1_rhel	
1526	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL)	fibreutils-4.1-1_rhel.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	4.1-1 (b)	4.1-1_rhel	
1527	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL)	fibreutils-4.1-1_rhel.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	4.1-1 (b)	4.1-1_rhel	

1528	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL)	fibreutils-4.1-1_rhel.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	4.1-1 (b)	4.1-1_rhel	
1529	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL)	fibreutils-4.1-1_rhel.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	4.1-1 (b)	4.1-1_rhel	
1530	HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 7 Server	HP-CNA-FC-Emulex-Enablement-Kit-12.4.256.0-1.rhel7.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.4.256.0	12.4.256.0-1.rhel7	新規追加
1531	HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 7 Server	HP-CNA-FC-Emulex-Enablement-Kit-12.4.256.0-1.rhel7.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.4.256.0	12.4.256.0-1.rhel7	新規追加
1532	HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 7 Server	HP-CNA-FC-Emulex-Enablement-Kit-12.4.256.0-1.rhel7.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.4.256.0	12.4.256.0-1.rhel7	新規追加
1533	HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 7 Server	HP-CNA-FC-Emulex-Enablement-Kit-12.4.256.0-1.rhel7.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.4.256.0	12.4.256.0-1.rhel7	新規追加
1534	HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 8 Server	HP-CNA-FC-Emulex-Enablement-Kit-12.4.256.0-1.rhel8.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.4.256.0	12.4.256.0-1.rhel8	新規追加
1535	HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 8 Server	HP-CNA-FC-Emulex-Enablement-Kit-12.4.256.0-1.rhel8.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.4.256.0	12.4.256.0-1.rhel8	新規追加
1536	HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 8 Server	HP-CNA-FC-Emulex-Enablement-Kit-12.4.256.0-1.rhel8.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.4.256.0	12.4.256.0-1.rhel8	新規追加
1537	HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 8 Server	HP-CNA-FC-Emulex-Enablement-Kit-12.4.256.0-1.rhel8.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.4.256.0	12.4.256.0-1.rhel8	新規追加
1538	HPE Emulex Smart SAN Enablement Kit for Linux	hpe-emulex-smartsan-enablement-kit-1.0.0.0-4.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.0-4 (e)	1.0.0.0-4	
1539	HPE Emulex Smart SAN Enablement Kit for Linux	hpe-emulex-smartsan-enablement-kit-1.0.0.0-4.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.0-4 (e)	1.0.0.0-4	
1540	HPE Emulex Smart SAN Enablement Kit for Linux	hpe-emulex-smartsan-enablement-kit-1.0.0.0-4.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.0-4 (e)	1.0.0.0-4	

1541	HPE Emulex Smart SAN Enablement Kit for Linux	hpe-emulex-smartsan-enablement-kit-1.0.0.0-4.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.0-4 (e)	1.0.0.0-4	
1542	HPE Emulex Smart SAN Enablement Kit for Windows 64 bit operating systems	cp039580.exe	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (i)	1.0.0.1 (i)	
1543	HPE Emulex Smart SAN Enablement Kit for Windows 64 bit operating systems	cp039580.exe	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (i)	1.0.0.1 (i)	
1544	HPE Emulex Smart SAN Enablement Kit for Windows 64 bit operating systems	cp039580.exe	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (i)	1.0.0.1 (i)	
1545	HPE Emulex Smart SAN Enablement Kit for Windows 64 bit operating systems	cp039580.exe	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (i)	1.0.0.1 (i)	
1546	HPE QLogic Fibre Channel Enablement Kit for Linux	HP-CNA-FC-hpqlgc-Enablement-Kit-6.0.0.0-11.noarch.rpm	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	6.0.0.0-11 (b)	6.0.0.0-11	新規追加
1547	HPE QLogic Fibre Channel Enablement Kit for Linux	HP-CNA-FC-hpqlgc-Enablement-Kit-6.0.0.0-11.noarch.rpm	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	6.0.0.0-11 (b)	6.0.0.0-11	新規追加
1548	HPE QLogic Fibre Channel Enablement Kit for Linux	HP-CNA-FC-hpqlgc-Enablement-Kit-6.0.0.0-11.noarch.rpm	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	6.0.0.0-11 (b)	6.0.0.0-11	新規追加
1549	HPE QLogic Fibre Channel Enablement Kit for Linux	HP-CNA-FC-hpqlgc-Enablement-Kit-6.0.0.0-11.noarch.rpm	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	6.0.0.0-11 (b)	6.0.0.0-11	新規追加
1550	HPE QLogic Smart SAN enablement kit for Linux	hpe-qlogic-smartsan-enablement-kit-3.3-3.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	3.3-3 (h)	3.3-3	
1551	HPE QLogic Smart SAN enablement kit for Linux	hpe-qlogic-smartsan-enablement-kit-3.3-3.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	3.3-3 (h)	3.3-3	
1552	HPE QLogic Smart SAN enablement kit for Linux	hpe-qlogic-smartsan-enablement-kit-3.3-3.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	3.3-3 (h)	3.3-3	
1553	HPE QLogic Smart SAN enablement kit for Linux	hpe-qlogic-smartsan-enablement-kit-3.3-3.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	3.3-3 (h)	3.3-3	
1554	HPE QLogic Smart SAN	cp039719.exe	HPE StoreFabric	1.0.0.1 (i)	1.0.0.1 (i)	

	Enablement Kit for Windows 64 bit operating systems		SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter			
1555	HPE QLogic Smart SAN Enablement Kit for Windows 64 bit operating systems	cp039719.exe	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (i)	1.0.0.1 (i)	
1556	HPE QLogic Smart SAN Enablement Kit for Windows 64 bit operating systems	cp039719.exe	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (i)	1.0.0.1 (i)	
1557	HPE QLogic Smart SAN Enablement Kit for Windows 64 bit operating systems	cp039719.exe	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (i)	1.0.0.1 (i)	

6.2.25 Software - System Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
1558	Agentless Management Service (iLO 5) for Red Hat Enterprise Linux 7 Server	amsd-2.1.0-1406.73.rhel7.x86_64.rpm	-	2.1.0	2.1.0-1406.73.rhel7	
1559	Agentless Management Service (iLO 5) for Red Hat Enterprise Linux 8 Server	amsd-2.1.0-1406.75.rhel8.x86_64.rpm	-	2.1.0	2.1.0-1406.75.rhel8	新規追加
1560	Agentless Management Service for Windows X64	cp042810.exe	-	2.12.0.0	2.12.0.0	更新
1561	NVMe Drive Eject NMI Fix for Intel Xeon Processor Scalable Family for Windows	cp034635.exe	-	1.1.0.0 (C)	1.1.0.0 (C)	
1562	Smart Storage Administrator (SSA) CLI for Linux 64-bit	ssacli-4.17-6.0.x86_64.rpm	-	4.17.6.0	4.17-6.0	更新
1563	Smart Storage Administrator (SSA) CLI for Windows 64-bit	cp042463.exe	-	4.17.6.0	4.17.6.0	更新
1564	Smart Storage Administrator (SSA) for Linux 64-bit	ssa-4.17-6.0.x86_64.rpm	-	4.17.6.0	4.17-6.0	更新
1565	Smart Storage Administrator (SSA) for Windows 64-bit	cp042462.exe	-	4.17.6.0	4.17.6.0	更新
1566	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit	ssaducli-4.17-6.0.x86_64.rpm	-	4.17.6.0	4.17-6.0	更新
1567	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit	cp042464.exe	-	4.17.6.0	4.17.6.0	更新

6.2.26 Utility - Tools

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
1568	HPE Utilities Bundle Smart Component for ESXi 6.5	cp042946.zip	-	2020.03.09	2020.03.09	更新
1569	HPE Utilities Bundle Smart Component for ESXi 6.7	cp042947.zip	-	2020.03.09	2020.03.09	更新

6.3 パッケージの変更内容

Online ROM Flash Component for Linux - OEM System ROM U34

Important Notes:

- This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support.

Problems Fixed:

- Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 5/50/50/60 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.
- This revision of the System ROM includes the latest revision of Intel microcode which addresses a Mesh to Memory Machine Check Exception failure when Fast Fault Tolerant Memory Mode (ADDDC) is enabled. In most cases, this issue results in the log of an Integrated Management Log (IML) Bank 7 or Bank 8 Machine Check Exception with a status of 0xB2000000:00200400 but can also result in a system reset with an Unexpected Shutdown logged. This issue is not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerabilities documented as CVE-2020-0548 and CVE-2020-0549, also known as CacheOut. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00329. These issues are not unique to HITACHI servers.
- Addressed an issue where the server may become unresponsive during POST with a Red Screen Exception (RSOD) when the server was reset (restarted) at the same time that an iLO firmware reset was initiated. Note that updating iLO firmware results in the reset of iLO firmware.
- Addressed an issue where the System Utilities System Information data could not be successfully exported to an FTP (network) location. Previously the System Utilities would report the file was saved successfully but no actual information was saved on the network share.
- This revision of the System ROM includes the latest support for Intel Trusted eXecution Technology (TXT) which provides mitigation for CVE-2019-151. This mitigation is only needed for systems that have TXT enabled. This issue is not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel Reference Code support that provides mitigations for the multiple security vulnerabilities. The following vulnerabilities have been addressed in this System ROM release: CVE-2019-11137, CVE-2019-152, and CVE-2019-11136. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an CVE-2017-5715, CVE-2019-11135 and CVE-2019-11139. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an Intel sighting where under complex micro-architectural conditions, executing X87 or AVX or integer divide instructions may results in unpredictable system behavior. This issue is not unique to HITACHI servers.

- Addressed an issue where the system may become unresponsive during POST when both iLO and the server are reset simultaneously.
- Addressed an issue where the server may experience a Red Screen (RSOD) during boot when a Matrox GPU is present and the server is booting in Legacy Boot Mode. This problem could occur with other optional PCIe graphics adapters. This issue is not intermittent and will occur on every boot with impacted optional PCIe graphics adapters with previous System ROM revisions. This issue is not seen with servers configured in UEFI Boot Mode or when using the embedded graphics controller.
- Addressed an issue where the system may incorrectly report that a DIMM has been mapped out after a memory training failure in the Integrated Management Log (IML) when the DIMM is still present in the system memory map. The IML will now correctly indicate the memory training failure, but will not indicate that the DIMM has been mapped out. This change only impacts the IML logging of the error and does not impact the operation of the system.

Enhancements

- Updated to the latest thermal support for the platform.
- Updated the language translations (non-English modes) for System Utilities.
- Updated the RESTful API HPE BIOS Attribute Registry resources to match the latest BIOS/Platform Configuration options.

Online ROM Flash Component for Linux - System ROM U30

Important Notes:

- This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support.

Problems Fixed:

- Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 5/50/50/60 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.
- This revision of the System ROM includes the latest revision of Intel microcode which addresses a Mesh to Memory Machine Check Exception failure when Fast Fault Tolerant Memory Mode (ADDDC) is enabled. In most cases, this issue results in the log of an Integrated Management Log (IML) Bank 7 or Bank 8 Machine Check Exception with a status of 0xB2000000:00200400 but can also result in a system reset with an Unexpected Shutdown logged. This issue is not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerabilities documented as CVE-2020-0548 and CVE-2020-0549, also known as CacheOut. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00329. These issues are not unique to HITACHI servers.
- Addressed an issue where the server may become unresponsive during POST with a Red Screen Exception (RSOD) when the server was reset (restarted) at the same time that an iLO firmware reset was initiated. Note that updating iLO firmware results in the reset of iLO firmware.

- Addressed an issue where the System Utilities System Information data could not be successfully exported to an FTP (network) location. Previously the System Utilities would report the file was saved successfully but no actual information was saved on the network share.
- This revision of the System ROM includes the latest support for Intel Trusted eXecution Technology (TXT) which provides mitigation for CVE-2019-151. This mitigation is only needed for systems that have TXT enabled. This issue is not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel Reference Code support that provides mitigations for the multiple security vulnerabilities. The following vulnerabilities have been addressed in this System ROM release: CVE-2019-11137, CVE-2019-152, and CVE-2019-11136. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an CVE-2017-5715, CVE-2019-11135 and CVE-2019-11139. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an Intel sighting where under complex micro-architectural conditions, executing X87 or AVX or integer divide instructions may results in unpredictable system behavior. This issue is not unique to HITACHI servers.
- Addressed an issue where the system may become unresponsive during POST when both iLO and the server are reset simultaneously.
- Addressed an issue where the server may experience a Red Screen (RSOD) during boot when a Matrox GPU is present and the server is booting in Legacy Boot Mode. This problem could occur with other optional PCIe graphics adapters. This issue is not intermittent and will occur on every boot with impacted optional PCIe graphics adapters with previous System ROM revisions. This issue is not seen with servers configured in UEFI Boot Mode or when using the embedded graphics controller.
- Addressed an issue where the system may incorrectly report that a DIMM has been mapped out after a memory training failure in the Integrated Management Log (IML) when the DIMM is still present in the system memory map. The IML will now correctly indicate the memory training failure, but will not indicate that the DIMM has been mapped out. This change only impacts the IML logging of the error and does not impact the operation of the system.

Enhancements

- Updated to the latest thermal support for the platform.
- Updated the language translations (non-English modes) for System Utilities.
- Updated the RESTful API HPE BIOS Attribute Registry resources to match the latest BIOS/Platform Configuration options.

Online ROM Flash Component for Linux - System ROM U32

Important Notes:

- This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support.

Problems Fixed:

- Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 5/50/50/60 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.
- This revision of the System ROM includes the latest revision of Intel microcode which addresses a Mesh to Memory Machine Check Exception failure when Fast Fault Tolerant Memory Mode (ADDDC) is enabled. In most cases, this issue results in the log of an Integrated Management Log (IML) Bank 7 or Bank 8 Machine Check Exception with a status of 0xB2000000:00200400 but can also result in a system reset with an Unexpected Shutdown logged. This issue is not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerabilities documented as CVE-2020-0548 and CVE-2020-0549, also known as CacheOut. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00329. These issues are not unique to HITACHI servers.
- Addressed an issue where the server may become unresponsive during POST with a Red Screen Exception (RSOD) when the server was reset (restarted) at the same time that an iLO firmware reset was initiated. Note that updating iLO firmware results in the reset of iLO firmware.
- Addressed an issue where the System Utilities System Information data could not be successfully exported to an FTP (network) location. Previously the System Utilities would report the file was saved successfully but no actual information was saved on the network share.
- This revision of the System ROM includes the latest support for Intel Trusted eXecution Technology (TXT) which provides mitigation for CVE-2019-151. This mitigation is only needed for systems that have TXT enabled. This issue is not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel Reference Code support that provides mitigations for the multiple security vulnerabilities. The following vulnerabilities have been addressed in this System ROM release: CVE-2019-11137, CVE-2019-152, and CVE-2019-11136. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an CVE-2017-5715, CVE-2019-11135 and CVE-2019-11139. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an Intel sighting where under complex micro-architectural conditions, executing X87 or AVX or integer divide instructions may results in unpredictable system behavior. This issue is not unique to HITACHI servers.
- Addressed an issue where the system may become unresponsive during POST when both iLO and the server are reset simultaneously.
- Addressed an issue where the server may experience a Red Screen (RSOD) during boot when a Matrox GPU is present and the server is booting in Legacy Boot Mode. This problem could occur with other optional PCIe graphics adapters. This issue is not intermittent and will occur on every boot with impacted optional PCIe graphics adapters with previous System ROM revisions. This issue is not seen with servers configured in UEFI Boot Mode or when using the embedded graphics controller.

- Addressed an issue where the system may incorrectly report that a DIMM has been mapped out after a memory training failure in the Integrated Management Log (IML) when the DIMM is still present in the system memory map. The IML will now correctly indicate the memory training failure, but will not indicate that the DIMM has been mapped out. This change only impacts the IML logging of the error and does not impact the operation of the system.

Enhancements

- Updated to the latest thermal support for the platform.
- Updated the language translations (non-English modes) for System Utilities.
- Updated the RESTful API HPE BIOS Attribute Registry resources to match the latest BIOS/Platform Configuration options.

Online ROM Flash Component for Linux - System ROM U41

Important Notes:

- This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support.

Problems Fixed:

- Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 5/50/50/60 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.
- This revision of the System ROM includes the latest revision of Intel microcode which addresses a Mesh to Memory Machine Check Exception failure when Fast Fault Tolerant Memory Mode (ADDDC) is enabled. In most cases, this issue results in the log of an Integrated Management Log (IML) Bank 7 or Bank 8 Machine Check Exception with a status of 0xB2000000:00200400 but can also result in a system reset with an Unexpected Shutdown logged. This issue is not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerabilities documented as CVE-2020-0548 and CVE-2020-0549, also known as CacheOut. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00329. These issues are not unique to HITACHI servers.
- Addressed an issue where the server may become unresponsive during POST with a Red Screen Exception (RSOD) when the server was reset (restarted) at the same time that an iLO firmware reset was initiated. Note that updating iLO firmware results in the reset of iLO firmware.
- Addressed an issue where the System Utilities System Information data could not be successfully exported to an FTP (network) location. Previously the System Utilities would report the file was saved successfully but no actual information was saved on the network share.
- This revision of the System ROM includes the latest support for Intel Trusted eXecution Technology (TXT) which provides mitigation for CVE-2019-151. This mitigation is only needed for systems that have TXT enabled. This issue is not unique to HITACHI servers.

- This revision of the System ROM includes the latest revision of the Intel Reference Code support that provides mitigations for the multiple security vulnerabilities. The following vulnerabilities have been addressed in this System ROM release: CVE-2019-11137, CVE-2019-152, and CVE-2019-11136. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an CVE-2017-5715, CVE-2019-11135 and CVE-2019-11139. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an Intel sighting where under complex micro-architectural conditions, executing X87 or AVX or integer divide instructions may results in unpredictable system behavior. This issue is not unique to HITACHI servers.
- Addressed an issue where the system may become unresponsive during POST when both iLO and the server are reset simultaneously.
- Addressed an issue where the server may experience a Red Screen (RSOD) during boot when a Matrox GPU is present and the server is booting in Legacy Boot Mode. This problem could occur with other optional PCIe graphics adapters. This issue is not intermittent and will occur on every boot with impacted optional PCIe graphics adapters with previous System ROM revisions. This issue is not seen with servers configured in UEFI Boot Mode or when using the embedded graphics controller.
- Addressed an issue where the system may incorrectly report that a DIMM has been mapped out after a memory training failure in the Integrated Management Log (IML) when the DIMM is still present in the system memory map. The IML will now correctly indicate the memory training failure, but will not indicate that the DIMM has been mapped out. This change only impacts the IML logging of the error and does not impact the operation of the system.

Enhancements

- Updated to the latest thermal support for the platform.
- Updated the language translations (non-English modes) for System Utilities.
- Updated the RESTful API HPE BIOS Attribute Registry resources to match the latest BIOS/Platform Configuration options.

Online ROM Flash Component for Linux - System ROM U43

Important Notes:

- This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support.

Problems Fixed:

- Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 5/50/50/60 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

- This revision of the System ROM includes the latest revision of the Intel microcode and reference code which provides mitigation for CVE-2019-11157. This security vulnerability is not unique to HITACHI servers. This vulnerability only impacts systems with Intel SGX (Software Guard eXtensions) enabled (SGX is disabled by default). HITACHI strongly recommends that customers using SGX functionality upgrade to this revision of the System ROM to obtain mitigation for this vulnerability.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for CVE-2017-5715, CVE-2019-11135, CVE-2018-12126, CVE-2018-12127, CVE-2018-12130, and CVE-2018-11091. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an Intel sighting where under complex micro-architectural conditions, executing X87 or AVX or integer divide instructions may results in unpredictable system behavior. This issue is not unique to HITACHI servers.
- Addressed an issue where the server may experience a Red Screen (RSOD) during boot when a Matrox GPU is present and the server is booting in Legacy Boot Mode. This problem could occur with other optional PCIe graphics adapters. This issue is not intermittent and will occur on every boot with impacted optional PCIe graphics adapters with previous System ROM revisions. This issue is not seen with servers configured in UEFI Boot Mode or when using the embedded graphics controller.

Online ROM Flash Component for Linux - System ROM U44

Important Notes:

- This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support.

Problems Fixed:

- Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 5/50/50/60 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.
- This revision of the System ROM includes the latest revision of the Intel microcode and reference code which provides mitigation for CVE-2019-11157. This security vulnerability is not unique to HITACHI servers. This vulnerability only impacts systems with Intel SGX (Software Guard eXtensions) enabled (SGX is disabled by default). HITACHI strongly recommends that customers using SGX functionality upgrade to this revision of the System ROM to obtain mitigation for this vulnerability.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for CVE-2017-5715, CVE-2019-11135, CVE-2018-12126, CVE-2018-12127, CVE-2018-12130, and CVE-2018-11091. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an Intel sighting where under complex micro-architectural conditions, executing X87 or AVX or integer divide instructions may results in unpredictable system behavior. This issue is not unique to HITACHI servers.
- Addressed an issue where the server may experience a Red Screen (RSOD) during boot when a Matrox

GPU is present and the server is booting in Legacy Boot Mode. This problem could occur with other optional PCIe graphics adapters. This issue is not intermittent and will occur on every boot with impacted optional PCIe graphics adapters with previous System ROM revisions. This issue is not seen with servers configured in UEFI Boot Mode or when using the embedded graphics controller.

Online ROM Flash Component for Windows x64 - OEM System ROM U34

Important Notes:

- This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support.

Problems Fixed:

- Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 5/50/50/60 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.
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- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerabilities documented as CVE-2020-0548 and CVE-2020-0549, also known as CacheOut. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00329. These issues are not unique to HITACHI servers.
- Addressed an issue where the server may become unresponsive during POST with a Red Screen Exception (RSOD) when the server was reset (restarted) at the same time that an iLO firmware reset was initiated. Note that updating iLO firmware results in the reset of iLO firmware.
- Addressed an issue where the System Utilities System Information data could not be successfully exported to an FTP (network) location. Previously the System Utilities would report the file was saved successfully but no actual information was saved on the network share.
- This revision of the System ROM includes the latest support for Intel Trusted eXecution Technology (TXT) which provides mitigation for CVE-2019-151. This mitigation is only needed for systems that have TXT enabled. This issue is not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel Reference Code support that provides mitigations for the multiple security vulnerabilities. The following vulnerabilities have been addressed in this System ROM release: CVE-2019-11137, CVE-2019-152, and CVE-2019-11136. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an CVE-2017-5715, CVE-2019-11135 and CVE-2019-11139. These issues are not unique to HITACHI servers.

- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an Intel sighting where under complex micro-architectural conditions, executing X87 or AVX or integer divide instructions may results in unpredictable system behavior. This issue is not unique to HITACHI servers.
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Enhancements

- Updated to the latest thermal support for the platform.
- Updated the language translations (non-English modes) for System Utilities.
- Updated the RESTful API HPE BIOS Attribute Registry resources to match the latest BIOS/Platform Configuration options.

Online ROM Flash Component for Windows x64 - System ROM U30

Important Notes:

- This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support.

Problems Fixed:

- Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 5/50/50/60 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.
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as CacheOut. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00329. These issues are not unique to HITACHI servers.

- Addressed an issue where the server may become unresponsive during POST with a Red Screen Exception (RSOD) when the server was reset (restarted) at the same time that an iLO firmware reset was initiated. Note that updating iLO firmware results in the reset of iLO firmware.
- Addressed an issue where the System Utilities System Information data could not be successfully exported to an FTP (network) location. Previously the System Utilities would report the file was saved successfully but no actual information was saved on the network share.
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- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an CVE-2017-5715, CVE-2019-11135 and CVE-2019-11139. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an Intel sighting where under complex micro-architectural conditions, executing X87 or AVX or integer divide instructions may results in unpredictable system behavior. This issue is not unique to HITACHI servers.
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Enhancements

- Updated to the latest thermal support for the platform.
- Updated the language translations (non-English modes) for System Utilities.
- Updated the RESTful API HPE BIOS Attribute Registry resources to match the latest BIOS/Platform Configuration options.

Online ROM Flash Component for Windows x64 - System ROM U32

Important Notes:

- This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support.

Problems Fixed:

- Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 5/50/50/60 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.
- This revision of the System ROM includes the latest revision of Intel microcode which addresses a Mesh to Memory Machine Check Exception failure when Fast Fault Tolerant Memory Mode (ADDDC) is enabled. In most cases, this issue results in the log of an Integrated Management Log (IML) Bank 7 or Bank 8 Machine Check Exception with a status of 0xB2000000:00200400 but can also result in a system reset with an Unexpected Shutdown logged. This issue is not unique to HITACHI servers.
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- Addressed an issue where the server may become unresponsive during POST with a Red Screen Exception (RSOD) when the server was reset (restarted) at the same time that an iLO firmware reset was initiated. Note that updating iLO firmware results in the reset of iLO firmware.
- Addressed an issue where the System Utilities System Information data could not be successfully exported to an FTP (network) location. Previously the System Utilities would report the file was saved successfully but no actual information was saved on the network share.
- This revision of the System ROM includes the latest support for Intel Trusted eXecution Technology (TXT) which provides mitigation for CVE-2019-151. This mitigation is only needed for systems that have TXT enabled. This issue is not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel Reference Code support that provides mitigations for the multiple security vulnerabilities. The following vulnerabilities have been addressed in this System ROM release: CVE-2019-11137, CVE-2019-152, and CVE-2019-11136. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an CVE-2017-5715, CVE-2019-11135 and CVE-2019-11139. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an Intel sighting where under complex micro-architectural conditions, executing X87 or AVX or integer divide instructions may results in unpredictable system behavior. This issue is not unique to HITACHI servers.
- Addressed an issue where the system may become unresponsive during POST when both iLO and the server are reset simultaneously.

- Addressed an issue where the server may experience a Red Screen (RSOD) during boot when a Matrox GPU is present and the server is booting in Legacy Boot Mode. This problem could occur with other optional PCIe graphics adapters. This issue is not intermittent and will occur on every boot with impacted optional PCIe graphics adapters with previous System ROM revisions. This issue is not seen with servers configured in UEFI Boot Mode or when using the embedded graphics controller.
- Addressed an issue where the system may incorrectly report that a DIMM has been mapped out after a memory training failure in the Integrated Management Log (IML) when the DIMM is still present in the system memory map. The IML will now correctly indicate the memory training failure, but will not indicate that the DIMM has been mapped out. This change only impacts the IML logging of the error and does not impact the operation of the system.

Enhancements

- Updated to the latest thermal support for the platform.
- Updated the language translations (non-English modes) for System Utilities.
- Updated the RESTful API HPE BIOS Attribute Registry resources to match the latest BIOS/Platform Configuration options.

Online ROM Flash Component for Windows x64 - System ROM U41

Important Notes:

- This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support.

Problems Fixed:

- Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 5/50/50/60 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.
- This revision of the System ROM includes the latest revision of Intel microcode which addresses a Mesh to Memory Machine Check Exception failure when Fast Fault Tolerant Memory Mode (ADDDC) is enabled. In most cases, this issue results in the log of an Integrated Management Log (IML) Bank 7 or Bank 8 Machine Check Exception with a status of 0xB2000000:00200400 but can also result in a system reset with an Unexpected Shutdown logged. This issue is not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerabilities documented as CVE-2020-0548 and CVE-2020-0549, also known as CacheOut. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00329. These issues are not unique to HITACHI servers.
- Addressed an issue where the server may become unresponsive during POST with a Red Screen Exception (RSOD) when the server was reset (restarted) at the same time that an iLO firmware reset was initiated. Note that updating iLO firmware results in the reset of iLO firmware.
- Addressed an issue where the System Utilities System Information data could not be successfully

exported to an FTP (network) location. Previously the System Utilities would report the file was saved successfully but no actual information was saved on the network share.

- This revision of the System ROM includes the latest support for Intel Trusted eXecution Technology (TXT) which provides mitigation for CVE-2019-151. This mitigation is only needed for systems that have TXT enabled. This issue is not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel Reference Code support that provides mitigations for the multiple security vulnerabilities. The following vulnerabilities have been addressed in this System ROM release: CVE-2019-11137, CVE-2019-152, and CVE-2019-11136. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an CVE-2017-5715, CVE-2019-11135 and CVE-2019-11139. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an Intel sighting where under complex micro-architectural conditions, executing X87 or AVX or integer divide instructions may results in unpredictable system behavior. This issue is not unique to HITACHI servers.
- Addressed an issue where the system may become unresponsive during POST when both iLO and the server are reset simultaneously.
- Addressed an issue where the server may experience a Red Screen (RSOD) during boot when a Matrox GPU is present and the server is booting in Legacy Boot Mode. This problem could occur with other optional PCIe graphics adapters. This issue is not intermittent and will occur on every boot with impacted optional PCIe graphics adapters with previous System ROM revisions. This issue is not seen with servers configured in UEFI Boot Mode or when using the embedded graphics controller.
- Addressed an issue where the system may incorrectly report that a DIMM has been mapped out after a memory training failure in the Integrated Management Log (IML) when the DIMM is still present in the system memory map. The IML will now correctly indicate the memory training failure, but will not indicate that the DIMM has been mapped out. This change only impacts the IML logging of the error and does not impact the operation of the system.

Enhancements

- Updated to the latest thermal support for the platform.
- Updated the language translations (non-English modes) for System Utilities.
- Updated the RESTful API HPE BIOS Attribute Registry resources to match the latest BIOS/Platform Configuration options.

Online ROM Flash Component for Windows x64 - System ROM U43

Important Notes:

- This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support.

Problems Fixed:

- Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 5/50/50/60 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.
- This revision of the System ROM includes the latest revision of the Intel microcode and reference code which provides mitigation for CVE-2019-11157. This security vulnerability is not unique to HITACHI servers. This vulnerability only impacts systems with Intel SGX (Software Guard eXtensions) enabled (SGX is disabled by default). HITACHI strongly recommends that customers using SGX functionality upgrade to this revision of the System ROM to obtain mitigation for this vulnerability.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for CVE-2017-5715, CVE-2019-11135, CVE-2018-12126, CVE-2018-12127, CVE-2018-12130, and CVE-2018-11091. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an Intel sighting where under complex micro-architectural conditions, executing X87 or AVX or integer divide instructions may results in unpredictable system behavior. This issue is not unique to HITACHI servers.
- Addressed an issue where the server may experience a Red Screen (RSOD) during boot when a Matrox GPU is present and the server is booting in Legacy Boot Mode. This problem could occur with other optional PCIe graphics adapters. This issue is not intermittent and will occur on every boot with impacted optional PCIe graphics adapters with previous System ROM revisions. This issue is not seen with servers configured in UEFI Boot Mode or when using the embedded graphics controller.

Online ROM Flash Component for Windows x64 - System ROM U44

Important Notes:

- This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support.

Problems Fixed:

- Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 5/50/50/60 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.
- This revision of the System ROM includes the latest revision of the Intel microcode and reference code which provides mitigation for CVE-2019-11157. This security vulnerability is not unique to HITACHI servers. This vulnerability only impacts systems with Intel SGX (Software Guard eXtensions) enabled (SGX is disabled by default). HITACHI strongly recommends that customers using SGX functionality upgrade to this revision of the System ROM to obtain mitigation for this vulnerability.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for CVE-2017-5715, CVE-2019-11135, CVE-2018-12126, CVE-2018-12127, CVE-2018-12130,

and CVE-2018-11091. These issues are not unique to HITACHI servers.

- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an Intel sighting where under complex micro-architectural conditions, executing X87 or AVX or integer divide instructions may results in unpredictable system behavior. This issue is not unique to HITACHI servers.
- Addressed an issue where the server may experience a Red Screen (RSOD) during boot when a Matrox GPU is present and the server is booting in Legacy Boot Mode. This problem could occur with other optional PCIe graphics adapters. This issue is not intermittent and will occur on every boot with impacted optional PCIe graphics adapters with previous System ROM revisions. This issue is not seen with servers configured in UEFI Boot Mode or when using the embedded graphics controller.

ROM Flash Firmware Package - System ROM U30

Important Notes:

- This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support.

Problems Fixed:

- Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 5/50/50/60 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.
- This revision of the System ROM includes the latest revision of Intel microcode which addresses a Mesh to Memory Machine Check Exception failure when Fast Fault Tolerant Memory Mode (ADDDC) is enabled. In most cases, this issue results in the log of an Integrated Management Log (IML) Bank 7 or Bank 8 Machine Check Exception with a status of 0xB2000000:00200400 but can also result in a system reset with an Unexpected Shutdown logged. This issue is not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerabilities documented as CVE-2020-0548 and CVE-2020-0549, also known as CacheOut. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00329. These issues are not unique to HITACHI servers.
- Addressed an issue where the server may become unresponsive during POST with a Red Screen Exception (RSOD) when the server was reset (restarted) at the same time that an iLO firmware reset was initiated. Note that updating iLO firmware results in the reset of iLO firmware.
- Addressed an issue where the System Utilities System Information data could not be successfully exported to an FTP (network) location. Previously the System Utilities would report the file was saved successfully but no actual information was saved on the network share.
- This revision of the System ROM includes the latest support for Intel Trusted eXecution Technology (TXT) which provides mitigation for CVE-2019-151. This mitigation is only needed for systems that have TXT enabled. This issue is not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel Reference Code support that

provides mitigations for the multiple security vulnerabilities. The following vulnerabilities have been addressed in this System ROM release: CVE-2019-11137, CVE-2019-152, and CVE-2019-11136. These issues are not unique to HITACHI servers.

- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an CVE-2017-5715, CVE-2019-11135 and CVE-2019-11139. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an Intel sighting where under complex micro-architectural conditions, executing X87 or AVX or integer divide instructions may results in unpredictable system behavior. This issue is not unique to HITACHI servers.
- Addressed an issue where the system may become unresponsive during POST when both iLO and the server are reset simultaneously.
- Addressed an issue where the server may experience a Red Screen (RSOD) during boot when a Matrox GPU is present and the server is booting in Legacy Boot Mode. This problem could occur with other optional PCIe graphics adapters. This issue is not intermittent and will occur on every boot with impacted optional PCIe graphics adapters with previous System ROM revisions. This issue is not seen with servers configured in UEFI Boot Mode or when using the embedded graphics controller.
- Addressed an issue where the system may incorrectly report that a DIMM has been mapped out after a memory training failure in the Integrated Management Log (IML) when the DIMM is still present in the system memory map. The IML will now correctly indicate the memory training failure, but will not indicate that the DIMM has been mapped out. This change only impacts the IML logging of the error and does not impact the operation of the system.

Enhancements

- Updated to the latest thermal support for the platform.
- Updated the language translations (non-English modes) for System Utilities.
- Updated the RESTful API HPE BIOS Attribute Registry resources to match the latest BIOS/Platform Configuration options.

ROM Flash Firmware Package - System ROM U32

Important Notes:

- This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support.

Problems Fixed:

- Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 5/50/50/60 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.
- This revision of the System ROM includes the latest revision of Intel microcode which addresses a Mesh

to Memory Machine Check Exception failure when Fast Fault Tolerant Memory Mode (ADDDC) is enabled. In most cases, this issue results in the log of an Integrated Management Log (IML) Bank 7 or Bank 8 Machine Check Exception with a status of 0xB2000000:00200400 but can also result in a system reset with an Unexpected Shutdown logged. This issue is not unique to HITACHI servers.

- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerabilities documented as CVE-2020-0548 and CVE-2020-0549, also known as CacheOut. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00329. These issues are not unique to HITACHI servers.
- Addressed an issue where the server may become unresponsive during POST with a Red Screen Exception (RSOD) when the server was reset (restarted) at the same time that an iLO firmware reset was initiated. Note that updating iLO firmware results in the reset of iLO firmware.
- Addressed an issue where the System Utilities System Information data could not be successfully exported to an FTP (network) location. Previously the System Utilities would report the file was saved successfully but no actual information was saved on the network share.
- This revision of the System ROM includes the latest support for Intel Trusted eXecution Technology (TXT) which provides mitigation for CVE-2019-151. This mitigation is only needed for systems that have TXT enabled. This issue is not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel Reference Code support that provides mitigations for the multiple security vulnerabilities. The following vulnerabilities have been addressed in this System ROM release: CVE-2019-11137, CVE-2019-152, and CVE-2019-11136. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an CVE-2017-5715, CVE-2019-11135 and CVE-2019-11139. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an Intel sighting where under complex micro-architectural conditions, executing X87 or AVX or integer divide instructions may results in unpredictable system behavior. This issue is not unique to HITACHI servers.
- Addressed an issue where the system may become unresponsive during POST when both iLO and the server are reset simultaneously.
- Addressed an issue where the server may experience a Red Screen (RSOD) during boot when a Matrox GPU is present and the server is booting in Legacy Boot Mode. This problem could occur with other optional PCIe graphics adapters. This issue is not intermittent and will occur on every boot with impacted optional PCIe graphics adapters with previous System ROM revisions. This issue is not seen with servers configured in UEFI Boot Mode or when using the embedded graphics controller.
- Addressed an issue where the system may incorrectly report that a DIMM has been mapped out after a memory training failure in the Integrated Management Log (IML) when the DIMM is still present in the system memory map. The IML will now correctly indicate the memory training failure, but will not indicate that the DIMM has been mapped out. This change only impacts the IML logging of the error and does not impact the operation of the system.

Enhancements

- Updated to the latest thermal support for the platform.
- Updated the language translations (non-English modes) for System Utilities.
- Updated the RESTful API HPE BIOS Attribute Registry resources to match the latest BIOS/Platform Configuration options.

ROM Flash Firmware Package - System ROM U34

Important Notes:

- This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support.

Problems Fixed:

- Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 5/50/50/60 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.
- This revision of the System ROM includes the latest revision of Intel microcode which addresses a Mesh to Memory Machine Check Exception failure when Fast Fault Tolerant Memory Mode (ADDDC) is enabled. In most cases, this issue results in the log of an Integrated Management Log (IML) Bank 7 or Bank 8 Machine Check Exception with a status of 0xB2000000:00200400 but can also result in a system reset with an Unexpected Shutdown logged. This issue is not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerabilities documented as CVE-2020-0548 and CVE-2020-0549, also known as CacheOut. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00329. These issues are not unique to HITACHI servers.
- Addressed an issue where the server may become unresponsive during POST with a Red Screen Exception (RSOD) when the server was reset (restarted) at the same time that an iLO firmware reset was initiated. Note that updating iLO firmware results in the reset of iLO firmware.
- Addressed an issue where the System Utilities System Information data could not be successfully exported to an FTP (network) location. Previously the System Utilities would report the file was saved successfully but no actual information was saved on the network share.
- This revision of the System ROM includes the latest support for Intel Trusted eXecution Technology (TXT) which provides mitigation for CVE-2019-151. This mitigation is only needed for systems that have TXT enabled. This issue is not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel Reference Code support that provides mitigations for the multiple security vulnerabilities. The following vulnerabilities have been addressed in this System ROM release: CVE-2019-11137, CVE-2019-152, and CVE-2019-11136. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an CVE-2017-5715, CVE-2019-11135 and CVE-2019-11139. These issues are not unique to

HITACHI servers.

- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an Intel sighting where under complex micro-architectural conditions, executing X87 or AVX or integer divide instructions may results in unpredictable system behavior. This issue is not unique to HITACHI servers.
- Addressed an issue where the system may become unresponsive during POST when both iLO and the server are reset simultaneously.
- Addressed an issue where the server may experience a Red Screen (RSOD) during boot when a Matrox GPU is present and the server is booting in Legacy Boot Mode. This problem could occur with other optional PCIe graphics adapters. This issue is not intermittent and will occur on every boot with impacted optional PCIe graphics adapters with previous System ROM revisions. This issue is not seen with servers configured in UEFI Boot Mode or when using the embedded graphics controller.
- Addressed an issue where the system may incorrectly report that a DIMM has been mapped out after a memory training failure in the Integrated Management Log (IML) when the DIMM is still present in the system memory map. The IML will now correctly indicate the memory training failure, but will not indicate that the DIMM has been mapped out. This change only impacts the IML logging of the error and does not impact the operation of the system.

Enhancements

- Updated to the latest thermal support for the platform.
- Updated the language translations (non-English modes) for System Utilities.
- Updated the RESTful API HPE BIOS Attribute Registry resources to match the latest BIOS/Platform Configuration options.

ROM Flash Firmware Package - System ROM U41

Important Notes:

- This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support.

Problems Fixed:

- Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 5/50/50/60 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.
- This revision of the System ROM includes the latest revision of Intel microcode which addresses a Mesh to Memory Machine Check Exception failure when Fast Fault Tolerant Memory Mode (ADDDC) is enabled. In most cases, this issue results in the log of an Integrated Management Log (IML) Bank 7 or Bank 8 Machine Check Exception with a status of 0xB2000000:00200400 but can also result in a system reset with an Unexpected Shutdown logged. This issue is not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides

mitigations for security vulnerabilities documented as CVE-2020-0548 and CVE-2020-0549, also known as CacheOut. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-00329. These issues are not unique to HITACHI servers.

- Addressed an issue where the server may become unresponsive during POST with a Red Screen Exception (RSOD) when the server was reset (restarted) at the same time that an iLO firmware reset was initiated. Note that updating iLO firmware results in the reset of iLO firmware.
- Addressed an issue where the System Utilities System Information data could not be successfully exported to an FTP (network) location. Previously the System Utilities would report the file was saved successfully but no actual information was saved on the network share.
- This revision of the System ROM includes the latest support for Intel Trusted eXecution Technology (TXT) which provides mitigation for CVE-2019-151. This mitigation is only needed for systems that have TXT enabled. This issue is not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel Reference Code support that provides mitigations for the multiple security vulnerabilities. The following vulnerabilities have been addressed in this System ROM release: CVE-2019-11137, CVE-2019-152, and CVE-2019-11136. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an CVE-2017-5715, CVE-2019-11135 and CVE-2019-11139. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an Intel sighting where under complex micro-architectural conditions, executing X87 or AVX or integer divide instructions may results in unpredictable system behavior. This issue is not unique to HITACHI servers.
- Addressed an issue where the system may become unresponsive during POST when both iLO and the server are reset simultaneously.
- Addressed an issue where the server may experience a Red Screen (RSOD) during boot when a Matrox GPU is present and the server is booting in Legacy Boot Mode. This problem could occur with other optional PCIe graphics adapters. This issue is not intermittent and will occur on every boot with impacted optional PCIe graphics adapters with previous System ROM revisions. This issue is not seen with servers configured in UEFI Boot Mode or when using the embedded graphics controller.
- Addressed an issue where the system may incorrectly report that a DIMM has been mapped out after a memory training failure in the Integrated Management Log (IML) when the DIMM is still present in the system memory map. The IML will now correctly indicate the memory training failure, but will not indicate that the DIMM has been mapped out. This change only impacts the IML logging of the error and does not impact the operation of the system.

Enhancements

- Updated to the latest thermal support for the platform.
- Updated the language translations (non-English modes) for System Utilities.
- Updated the RESTful API HPE BIOS Attribute Registry resources to match the latest BIOS/Platform Configuration options.

ROM Flash Firmware Package - System ROM U43

Important Notes:

- This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support.

Problems Fixed:

- Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 5/50/50/60 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such as RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.
- This revision of the System ROM includes the latest revision of the Intel microcode and reference code which provides mitigation for CVE-2019-11157. This security vulnerability is not unique to HITACHI servers. This vulnerability only impacts systems with Intel SGX (Software Guard eXtensions) enabled (SGX is disabled by default). HITACHI strongly recommends that customers using SGX functionality upgrade to this revision of the System ROM to obtain mitigation for this vulnerability.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for CVE-2017-5715, CVE-2019-11135, CVE-2018-12126, CVE-2018-12127, CVE-2018-12130, and CVE-2018-11091. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an Intel sighting where under complex micro-architectural conditions, executing X87 or AVX or integer divide instructions may results in unpredictable system behavior. This issue is not unique to HITACHI servers.
- Addressed an issue where the server may experience a Red Screen (RSOD) during boot when a Matrox GPU is present and the server is booting in Legacy Boot Mode. This problem could occur with other optional PCIe graphics adapters. This issue is not intermittent and will occur on every boot with impacted optional PCIe graphics adapters with previous System ROM revisions. This issue is not seen with servers configured in UEFI Boot Mode or when using the embedded graphics controller.

ROM Flash Firmware Package - System ROM U44

Important Notes:

- This version of the System ROM contains the latest support for the HPE Smart Array s100i UEFI Driver. This system ROM is critical for customers who have enabled the HPE Smart Array s100i support.

Problems Fixed:

- Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 5/50/50/60 Fault Tolerant Modes. This issue does not impact systems configured in other RAID configurations such

as RAID 0 or 1. This issue does not impact systems that have not enabled Smart Array s100i support.

- This revision of the System ROM includes the latest revision of the Intel microcode and reference code which provides mitigation for CVE-2019-11157. This security vulnerability is not unique to HITACHI servers. This vulnerability only impacts systems with Intel SGX (Software Guard eXtensions) enabled (SGX is disabled by default). HITACHI strongly recommends that customers using SGX functionality upgrade to this revision of the System ROM to obtain mitigation for this vulnerability.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for CVE-2017-5715, CVE-2019-11135, CVE-2018-12126, CVE-2018-12127, CVE-2018-12130, and CVE-2018-11091. These issues are not unique to HITACHI servers.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigation for an Intel sighting where under complex micro-architectural conditions, executing X87 or AVX or integer divide instructions may results in unpredictable system behavior. This issue is not unique to HITACHI servers.
- Addressed an issue where the server may experience a Red Screen (RSOD) during boot when a Matrox GPU is present and the server is booting in Legacy Boot Mode. This problem could occur with other optional PCIe graphics adapters. This issue is not intermittent and will occur on every boot with impacted optional PCIe graphics adapters with previous System ROM revisions. This issue is not seen with servers configured in UEFI Boot Mode or when using the embedded graphics controller.

HPE Broadcom NetXtreme-E Driver for Windows Server 2012 R2

Version: 214.0.247.1 (Optional)

Important Note!

HPE recommends the firmware provided in HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.0.5 or later, for use with this driver.

Fixes

This product correct an issue which .max SRIOV VFs are not loading when Windows hypervisor and Windows VMs are used.

This product correct an issue which VF driver won't install on some devices.

This product correct an issue which FW hangs while allocating more PF-Vports

This product correct an issue which fail bono commands right away if HW is surprise removed

This product correct an issue which few VPORTS available in SF mode when SR-IOV is used.

Enhancements

This product now supports the following network adapters.

Supported Devices and Features

This product supports the following network adapters:

- o HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- o HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter

HPE Broadcom NetXtreme-E Driver for Windows Server 2016

Version: 214.0.247.1 (Optional)

Important Note!

HPE recommends the firmware provided in HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.0.5 or later, for use with this driver.

Fixes

This product correct an issue which .max SRIOV VFs are not loading when Windows hypervisor and Windows VMs are used.

This product correct an issue which VF driver won't install on some devices.

This product correct an issue which FW hangs while allocating more PF-Vports

This product correct an issue which fail bono commands right away if HW is surprise removed

This product correct an issue which few VPORTS available in SF mode when SR-IOV is used.

Enhancements

This product now supports the following network adapters.

Supported Devices and Features

This product supports the following network adapters:

- o HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- o HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter

HPE Broadcom NetXtreme-E Driver for Windows Server 2019

Version: 214.0.247.1 (Optional)

Important Note!

HPE recommends the firmware provided in HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.0.5 or later, for use with this driver.

Fixes

This product correct an issue which .max SRIOV VFs are not loading when Windows hypervisor and Windows VMs are used

This product correct an issue which Windows 2019 - Driver Initialization failure (Yellow bangs) on (some) Virtual functions

This product correct an issue which FW hangs while allocating more PF-Vports

This product correct an issue which fail bono commands right away if HW is surprise removed

This product correct an issue which few VPORTS available in SF mode when SR-IOV is used.

Enhancements

This product now supports the following network adapters.

Supported Devices and Features

This product supports the following network adapters:

- o HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- o HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter

HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7

Version: 1.10.0-214.0.259.0 (Optional)

Important Note!

HPE recommends the firmware provided in HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for Linux x86_64, version 1.8.1 or later, for use with these drivers.

Fixes

This product fixes a crash issue during system shutdown.

This product fixes a system stability issue while doing firmware upgrade.

This product fixes an issue about bnxt_en driver fails to load on a kdump kernel.

This product fixes that RDMA driver hang during unload.

Enhancements

This product now supports the following network adapters.

Supported Devices and Features

This product supports the following network adapters:

- o HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- o HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter

HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.5

Version: 2020.03.09 (Optional)

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 Broadcom NetXtreme-E Online Firmware Upgrade Utility for VMware, version 5.10.1 or later, for use with this driver.

Fixes

This product corrects an issue network connectivity ping issue in ESXi 6.5

Enhancements

This product now supports the following network adapters.

Supported Devices and Features

This product supports the following network adapters:

- o HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- o HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter

HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.7

Version: 2020.03.09 (Optional)

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 Broadcom NetXtreme-E Online Firmware Upgrade Utility for VMware, version 5.10.1 or later, for use with this driver.

Fixes

This product corrects an issue Router will discard the IPv4/IPv6 packet (RoCE V2) whose hop limit field is 0 or 1.

Enhancements

This product now supports the following network adapters.

Supported Devices and Features

This product supports the following network adapters:

- o HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- o HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter

HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 6

Version: 214.0.190.1 (Optional)

Prerequisites

HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7, version 1.10.0-214.0.259.0 or later, must be installed before installing this product.

The libibverb package must be installed on the target system prior to the installation of the RoCE library. If not already present, the libibverb package can be obtained from the operating system installation media.

Fixes

This product adds a feature to group RoCE statistics

This product fixes an issue to avoid VM reboot when RoCE driver was loaded on VF (of Thor).

This product fixes RX buffer errors which reported in dmesg when running heavy jumbo traffic.

Enhancements

This product now supports the following network adapters.

Supported Devices and Features

This product supports the following network adapters:

- o HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- o HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter

HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions

Version: 214.0.0.2 (Optional)

Important Note!

HPE recommends the firmware provided in HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.0.5 or later, for use with this driver.

Enhancements

Added code to check if system is on VAUX power (nvram #43) after shutdown and update the WoL link at 1G accordingly.

Added feature to execute _DSM ACPI method to obtain system MAC and program 57766 with the same address

Supported Devices and Features

This driver supports the following network adapters:

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

HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64

Version: 3.138a-1 (Optional)

Important Note!

HPE recommends the firmware provided in HPE NX1 Broadcom Online Firmware Upgrade Utility for Linux x86_64, version 2.25.1 or later, for use with these drivers.

Fixes

This product now exports vendor and packager tag in RPM metadata.

This product addresses the issue that the component always be selected by HPSUM deployment.

Supported Devices and Features

These drivers support the following network adapters:

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

HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64

Version: 2.10.19.81-1 (Optional)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.19.0 or later, for use with these drivers.

Fixes

This product now fixes error message in dmesg while vlan is removed.

Supported Devices and Features

This product supports the following network adapters:

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

HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64

Version: 6.2.2-1 (Optional)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.19.0 or later, for use with these drivers.

Enhancements

Supported Devices and Features

These drivers support the following Intel network adapters:

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

HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64

Version: 7.14.63.1-1 (Optional)

Important Note!

HPE recommends the firmware provided in HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64, version 2.26.0 or later, for use with these drivers.

Fixes

This product fixes an issue where the network interface fail to connect to iSCSI target.

Supported Devices and Features

These drivers support the following network adapters:

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

HPE Smart Array S100i SR Gen10 SW RAID Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019

Version: 106.12.6.0 (Recommended)

Fixes

Addressed an issue where the HPE Smart Array s100i Software RAID may experience potential data inconsistency during initial configuration or operation of a RAID volume configured in RAID 0/1/5/10 Fault Tolerant Modes.

This issue does not impact systems that have not enabled Smart Array s100i support.

o For additional information, reference Customer Bulletin a00097789en_us.

IMPORTANT INFORMATION:

o An array configured with a single RAID 0 logical drive is NOT affected.

o An array configured with a single RAID 1 logical drive is NOT affected.

Enhancements

Added support for AMD.

Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters

Version: 10.01.00.57.07.6-k1 (Recommended)

Important Note!

Release Notes:

HPE StoreFabric QLogic Adapters Release Notes

Note: The rpm base-name for the QLogic driver has been changed to "qlgc". Upgrades from the earlier "hpqlgc" driver are supported.

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

Enhancements

Supported Devices and Features

This driver supports the following HPE adapters:

- o HPE StoreFabric SN1100Q 16GB 2-port PCIe Fibre Channel Host Bus Adapter
- o HPE StoreFabric SN1100Q 16GB 1-port PCIe Fibre Channel Host Bus Adapter
- o HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- o HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

Red Hat Enterprise Linux 7 Update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters

Version: 10.01.00.57.07.6-k1 (Recommended)

Important Note!

Release Notes:

HPE StoreFabric QLogic Adapters Release Notes

Note: The rpm base-name for the QLogic driver has been changed to "qlgc". Upgrades from the earlier "hpqlgc" driver are supported.

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 to 10.01.00.57.07.6-k1

Supported Devices and Features

This driver supports the following HPE adapters:

- o HPE StoreFabric SN1100Q 16GB 2-port PCIe Fibre Channel Host Bus Adapter
- o HPE StoreFabric SN1100Q 16GB 1-port PCIe Fibre Channel Host Bus Adapter
- o HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- o HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

iLO 5 Automatic Server Recovery Driver for Windows Server 2012 R2

Version: 4.7.0.0 (Optional)

Important Note!

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

Fixes

Corrected an issue with driver versions 4.4.0.0 and 4.6.0.0, in which an operating system hang and reboot followed by another operating system hang could improperly result in an ASR Reset instead of the expected Windows bugcheck and memory dump.

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

Version: 4.7.0.0 (Optional)

Important Note!

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

Fixes

Corrected an issue with driver versions 4.4.0.0 and 4.6.0.0, in which an operating system hang and reboot followed by another operating system hang could improperly result in an ASR Reset instead of the expected Windows bugcheck and memory dump.

Online ROM Flash Component for Linux - iLO 5

Version: 1.40 (Recommended)

Enhancements

List your enhancements here.

Online ROM Flash Component for Linux - iLO 5

Version: 2.14 (a) (Recommended)

Fixes

- o The Integrated Remote Console requires code to accommodate low power mode on AMD based system to work with the ROM on EU Lot 9 requirements
- o Incorrect IML messages occur when SAS/SATA drives are installed.
- o Spurious drive hot plug events occur when the server goes through a warm reset
- o In some cases, iLO tries to use an invalid SMBIOS handle from the ROM

Enhancements

- o Improved robustness of out-of-band processes (MCTP and PMCI) for discovering and managing options like NVMe devices and open drive support.
 - o This includes additional robustness for device discovery and management. This helps to correct some iLO related timeout issues.
 - o Support new Accelerators:
 - * Xilinx Alveo U250
 - * Xilinx Alveo U50
 - o User can now define pre-caution threshold alert value for the inlet ambient sensor.
-

Online ROM Flash Component for Linux - iLO 5

Version: 2.14 (a) (Recommended)

Fixes

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Online ROM Flash Component for Windows x64 - iLO 5

Version: 1.40 (Recommended)

Enhancements

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Online ROM Flash Component for Windows x64 - iLO 5

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* Xilinx Alveo U250

* Xilinx Alveo U50

o User can now define pre-caution threshold alert value for the inlet ambient sensor.

Online ROM Flash Firmware Package - iLO 5

Version: 1.40 (Recommended)

Enhancements

List your enhancements here.

Online ROM Flash Firmware Package - iLO 5

Version: 2.14 (Recommended)

Fixes

o The Integrated Remote Console requires code to accommodate low power mode on AMD based system to work with the ROM on EU Lot 9 requirements

o Incorrect IML messages occur when SAS/SATA drives are installed.

o Spurious drive hot plug events occur when the server goes through a warm reset

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Online ROM Flash Firmware Package - iLO 5

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Enhancements

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- o Support new Accelerators:
 - * Xilinx Alveo U250
 - * Xilinx Alveo U50
- o User can now define pre-caution threshold alert value for the inlet ambient sensor.

HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for Linux x86_64

Version: 1.8.1 (Optional)

Important Note!

HPE recommends the HPE Broadcom NetXtreme-E Drivers for Linux, versions 1.10.0-214.0.259.0 or later, for use with this firmware.

Prerequisites

This package requires the appropriate driver for your network adapter be installed on 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 now supports Red Hat Enterprise Linux 7.7

This product now supports the following network adapters.

Supported Devices and Features

This product supports the following network adapters:

- o HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- o HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter

HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for VMware

Version: 5.10.1 (Optional)

Important Note!

HPE recommends HPE Broadcom NetXtreme-E Drivers for VMware, versions 2019.08.02 or later, for use with this firmware.

This software package contains NVM Image version 214.0.286015 with the following firmware versions:

NIC	Bootcode Version	NCSI Version	MBA Version	UEFI Version	CCM Version	RoCE Version
HPE Ethernet 10/25Gb	214.4.9.7	214.0.253.1	214.0.233.0	214.0.262.6	214.0.221.0	214.0.187.0

2-port 631FLR-SFP28 Adapter HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter						
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Prerequisites

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

Enhancements

This product now supports the following network adapters.

Supported Devices and Features

This product supports the following network adapters:

- o HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- o HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter

HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for Windows Server x64 Editions

Version: 5.2.0.5 (Optional)

Important Note!

HPE recommends HPE Broadcom NetXtreme-E Driver for Windows, versions 214.0.247.1 or later, for use with this firmware.

Prerequisites

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

Enhancements

This product now supports the following network adapters.

Supported Devices and Features

This product supports the following network adapters:

- o HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- o HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter

HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64

Version: 2.25.1 (Optional)

Important Note!

HPE recommends HPE Broadcom tg3 Ethernet Drivers, versions 3.138a or later, for use with this firmware.

Prerequisites

This package requires the appropriate driver for your network adapter be installed an all Ethernet ports

brought up(ifup ethX or ifconfig ethX up or wicked ifup ethX) before firmware can be updated.

If local system doesn't configure any network interface for the adapter that are necessary to create the network config file to bring up interface.

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

Fixes

This product addresses an issue where Legacy Boot Protocol(System Utilities -> System Configuration -> NIC HII menu -> BA Configuration Menu) changes from None to PXE.

This product addresses an issue where it would be forced to exit System Utilities when select Port 2 & Port 3(System Utilities -> System Configuration -> NIC HII menu).

Supported Devices and Features

This product supports the following network adapters:

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

HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware

Version: 1.26.1 (Optional)

Important Note!

HPE recommends HP Broadcom tg3 Ethernet Drivers for VMware, versions 2015.10.01, for use with this firmware.

This software package contains combo image v20.14.62 with the following firmware versions:

NIC	Boot Code Version	PXE Version	NCSI Version	UEFI Version	CCM Version
HPE Ethernet 1Gb 2-port 330i Adapter (22BD)	2.1	20.14.2	1.5.12	20.14.28	214.0.221.0
HPE Ethernet 1Gb 4-port 331i Adapter (22BE) HPE Ethernet 1Gb 4-port 331FLR HPE Ethernet 1Gb 4-port 331T Adapter LR Adapter	1.46	20.14.2	1.5.12	20.14.28	214.0.221.0
HPE Ethernet 1Gb 2-port 332i Adapter (22E8) HPE Ethernet 1Gb 2-port 332T Adapter	1.4	20.14.2	1.5.12	20.14.28	214.0.221.0

Prerequisites

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

Fixes

This product addresses an issue where Legacy Boot Protocol(System Utilities -> System Configuration -> NIC HII menu -> BA Configuration Menu) changes from None to PXE.

This product addresses an issue where it would be forced to exit System Utilities when select Port 2 & Port 3(System Utilities -> System Configuration -> NIC HII menu).

Supported Devices and Features

This product supports the following network adapters:

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

HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions

Version: 5.2.0.5 (Optional)

Important Note!

HPE recommends HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions, version 214.0.0.2 or later, for use with this firmware.

This software package contains combo image v20.14.62 with the following firmware versions:

NIC	Boot Code Version	PXE Version	NCSI Version	UEFI Version	CCM Version
HPE Ethernet 1Gb 2-port 330i Adapter (22BD)	2.1	20.14.2	1.5.12	20.14.28	214.0.221.0
HPE Ethernet 1Gb 4-port 331i Adapter (22BE) HPE Ethernet 1Gb 4-port 331FLR HPE Ethernet 1Gb 4-port 331T Adapter LR Adapter	1.46	20.14.2	1.5.12	20.14.28	214.0.221.0
HPE Ethernet 1Gb 2-port 332i Adapter (22E8) HPE Ethernet 1Gb 2-port 332T Adapter	1.4	20.14.2	1.5.12	20.14.28	214.0.221.0

Prerequisites

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

Fixes

This product addresses an issue where Legacy Boot Protocol(System Utilities -> System Configuration -> NIC HII menu -> BA Configuration Menu) changes from None to PXE.

This product addresses an issue where it would be forced to exit System Utilities when select Port 2 & Port 3(System Utilities -> System Configuration -> NIC HII menu).

Supported Devices and Features

This product supports the following network adapters:

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

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

HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64

Version: 2.26.30 (Optional)

Important Note!

HPE recommends HPE QLogic NX2 10/20GbE Multifunction Drivers for Linux, versions 7.14.63-1 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) before firmware can be updated.

Fixes

This product addresses an Overheat issue that system shuts down automatically due to NIC temperature exceeding threshold.

Supported Devices and Features

This product supports the following network adapters:

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

HPE QLogic NX2 Online Firmware Upgrade Utility for VMware

Version: 1.26.30 (Optional)

Important Note!

HPE recommends HPE QLogic NX2 10/20GbE Multifunction Drivers for VMware, versions 2019.12.20 or later, for use with this firmware.

This software package contains combo image v7.18.27 with the following firmware versions:

NIC	Boot Code Version	PXE Version	UEFI Version	iSCSI Version	FCoE Version	CCM Version	L2 Version
HP Ethernet 10Gb 2-port 530SFP+ Adapter HP Ethernet 10Gb 2-port 530T Adapter	7.15.77	7.14.13	8.4.3	n/a	n/a	7.14.4	7.12.25
HP Ethernet 10Gb 2-port 533FLR-T Adapter	7.15.77	7.14.13	8.4.3	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 addresses an Overheat issue that system shuts down automatically due to NIC temperature exceeding threshold.

Supported Devices and Features

This product supports the following network adapters:

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

HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions

Version: 5.2.0.3 (Optional)

Important Note!

HPE recommends HPE QLogic NX2 10/20GbE Multifunction Drivers for Windows Server x64 Editions, version 7.13.171.0 or later, for use with this firmware.

This software package contains combo image v7.18.27 with the following firmware versions:

NIC	Boot Code Version	PXE Version	UEFI Version	iSCSI Version	FCoE Version	CCM Version	L2 Version
HP Ethernet 10Gb 2-port 530SFP+ Adapter HP Ethernet 10Gb 2-port 530T Adapter	7.15.77	7.14.13	8.4.3	n/a	n/a	7.14.4	7.12.25
HP Ethernet 10Gb 2-port 533FLR-T Adapter	7.15.77	7.14.13	8.4.3	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 addresses an Overheat issue that system shuts down automatically due to NIC temperature exceeding threshold.

Supported Devices and Features

This product supports the following network adapters:

- o HP Ethernet 10Gb 2-port 530SFP+ Adapter

- o HP Ethernet 10Gb 2-port 530T Adapter

Online HDD/SDD Flash Component for Linux (x64) - EG000600JWJNP and EG001200JWJNQ Drives

Version: HPD3 (Recommended)

Important Note!

- o Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- o Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- o This firmware includes a change to reduce response times on random read/write workloads where commands are sent at slow interval (one every few hundred milliseconds).

Online HDD/SDD Flash Component for Linux (x64) - MB002000JWFVN and MB004000JWFVP Drives

Version: HPD3 (Recommended)

Important Note!

- o Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- o Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- o Fix issue with Drive Hang on Read Retry Step 50 Controller code correction - When "command aging timer expire" AND "I_T nexus loss" occurs at the same time, HDD reports sense code, 06-29-04 Sense code correction.
- o Drive may report sense 02/04/02 instead of 02/04/01 if MODE SENSE and MODE SELECT command come before drive ready.

Online HDD/SDD Flash Component for Linux (x64) - MB004000JWFVK and MB006000JWFVL Drives

Version: HPD3 (Recommended)

Important Note!

- o Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- o Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- o Fix issue with drive Hang on read retry Step 50 Controller code correction - When "command aging timer expire" AND "I_T nexus loss" occurs at the same time, HDD reports sense code, 06-29-04 Sense code correction.
- o Drive may report sense 02/04/02 instead of 02/04/01 if MODE SENSE and MODE SELECT command come before drive ready.

Online HDD/SDD Flash Component for Linux (x64) - EH000900JWHPK and EH000600JWHPH Drives

Version: HPD4 (Recommended)

Important Note!

- o Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- o Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- o Free up more DRAM for user data to improve DRAM management.
- o Drive would stop responding on read retry Step 50 of Controller code correction.
- o In extremely rare cases, internal drive testing found that if I_T nexus loss is greater than 2 seconds, data loss might occur. If this rare condition occurs, the drive reports sense code 06/29/04 (HDD executed internal reboot), which displays on the screen and is entered in the drive log.
- o Drive may report sense code 02/04/02 instead of 02/04/01 if MODE SENSE and MODE SELECT command come before drive ready. The drive name will no longer display in the list, and the system will not be able to access the drive until the system is power-cycled or reset.

Online HDD/SDD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives

Version: HPD4 (Recommended)

Important Note!

- o Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- o Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- o Drive would stop responding on read retry Step 50 of Controller code correction.
- o In extremely rare cases, internal drive testing found that if I_T nexus loss is greater than 2 seconds, data loss might occur. If this rare condition occurs, the drive reports sense code 06/29/04 (HDD executed

internal reboot), which displays on the screen and is entered in the drive log.

o Drive may report sense code 02/04/02 instead of 02/04/01 if MODE SENSE and MODE SELECT command come before drive ready. The drive name will no longer display in the list, and the system will not be able to access the drive until the system is power-cycled or reset.

Online HDD/SDD Flash Component for Linux (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives

Version: HPD8 (B) (Critical)

Important Note!

o Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

o Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

o The issue affects SSDs with an HPE firmware version prior to HPD8 that results in SSD failure at 32,768 hours of operation (i.e., 3 years, 270 days 8 hours), neither the SSD nor the data can be recovered, after the SSD failure occurs.

o In addition, SSDs which were put into service at the same time will likely fail nearly simultaneously.

o For more information, refer to HPE Customer Advisory at the following URL:

https://support.hpe.com/hpsc/doc/public/display docId=emr_na-a00092491en_us

Online HDD/SDD Flash Component for VMware ESXi - EG000600JWJNP and EG001200JWJNQ Drives

Version: HPD3 (Recommended)

Important Note!

o Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

o In AHCI configuration only offline flashing is supported.

o Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

o This firmware includes a change to reduce response times on random read/write workloads where commands are sent at slow interval (one every few hundred milliseconds).

Online HDD/SDD Flash Component for VMware ESXi - EG001800JWJNR and EG002400JWJNT Drives

Version: HPD5 (Recommended)

Important Note!

- o Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- o In AHCI configuration only offline flashing is supported.
- o Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- o This firmware includes a change to reduce response times on random read/write workloads where commands are sent at slow interval (one every few hundred milliseconds).

Online HDD/SDD Flash Component for VMware ESXi - EH000900JWHPK and EH000600JWHPH Drives

Version: HPD4 (Recommended)

Important Note!

- o Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- o In AHCI configuration only offline flashing is supported.
- o Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- o Free up more DRAM for user data to improve DRAM management.
- o Drive would stop responding on read retry Step 50 of Controller code correction.
- o In extremely rare cases, internal drive testing found that if I_T nexus loss is greater than 2 seconds, data loss might occur. If this rare condition occurs, the drive reports sense code 06/29/04 (HDD executed internal reboot), which displays on the screen and is entered in the drive log.
- o Drive may report sense code 02/04/02 instead of 02/04/01 if MODE SENSE and MODE SELECT command come before drive ready. The drive name will no longer display in the list, and the system will not be able to access the drive until the system is power-cycled or reset.

Online HDD/SDD Flash Component for VMware ESXi - EH000900JWHPH, EH000600JWHPN and EH000300JWHPL Drives

Version: HPD4 (Recommended)

Important Note!

- o Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- o In AHCI configuration only offline flashing is supported.
- o Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- o Drive would stop responding on read retry Step 50 of Controller code correction.
- o In extremely rare cases, internal drive testing found that if I_T nexus loss is greater than 2 seconds, data loss might occur. If this rare condition occurs, the drive reports sense code 06/29/04 (HDD executed internal reboot), which displays on the screen and is entered in the drive log.
- o Drive may report sense code 02/04/02 instead of 02/04/01 if MODE SENSE and MODE SELECT command come before drive ready. The drive name will no longer display in the list, and the system will not be able to access the drive until the system is power-cycled or reset.

Online HDD/SDD Flash Component for VMware ESXi - MB002000JWFVN and MB004000JWFVP Drives

Version: HPD3 (Recommended)

Important Note!

- o Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- o In AHCI configuration only offline flashing is supported.
- o Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- o Fix issue with Drive Hang on Read Retry Step 50 Controller code correction - When "command aging timer expire" AND "I_T nexus loss" occurs at the same time, HDD reports sense code, 06-29-04 Sense code correction.
- o Drive may report sense 02/04/02 instead of 02/04/01 if MODE SENSE and MODE SELECT command come before drive ready.

Online HDD/SDD Flash Component for VMware ESXi - MB004000JWFVK and MB006000JWFVL Drives

Version: HPD3 (Recommended)

Important Note!

- o Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM)

mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- o In AHCI configuration only offline flashing is supported.

- o Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- o Fix issue with drive Hang on read retry Step 50 Controller code correction - When "command aging timer expire" AND "I_T nexus loss" occurs at the same time, HDD reports sense code, 06-29-04 Sense code correction.

- o Drive may report sense 02/04/02 instead of 02/04/01 if MODE SENSE and MODE SELECT command come before drive ready.

Online HDD/SDD Flash Component for VMware ESXi - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives

Version: HPD8 (Critical)

Important Note!

- o Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- o In AHCI configuration only offline flashing is supported.

- o Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- o The issue affects SSDs with an HPE firmware version prior to HPD8 that results in SSD failure at 32,768 hours of operation (i.e., 3 years, 270 days 8 hours), neither the SSD nor the data can be recovered, after the SSD failure occurs.

- o In addition, SSDs which were put into service at the same time will likely fail nearly simultaneously.

- o For more information, refer to HPE Customer Advisory at the following URL:

https://support.hpe.com/hpsc/doc/public/display docId=emr_na-a00092491en_us

Online HDD/SDD Flash Component for Windows (x64) - EG000600JWJNP and EG001200JWJNQ Drives

Version: HPD3 (Recommended)

Important Note!

- o Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

o Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

o This firmware includes a change to reduce response times on random read/write workloads where commands are sent at slow interval (one every few hundred milliseconds).

Online HDD/SDD Flash Component for Windows (x64) - EG001800JWJNR and EG002400JWJNT Drives

Version: HPD5 (Recommended)

Important Note!

o Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

o Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

o This firmware includes a change to reduce response times on random read/write workloads where commands are sent at slow interval (one every few hundred milliseconds).

Online HDD/SDD Flash Component for Windows (x64) - EH000900JWHPK and EH000600JWHPH Drives

Version: HPD4 (Recommended)

Important Note!

o Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

o Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

o Free up more DRAM for user data to improve DRAM management.

o Drive would stop responding on read retry Step 50 of Controller code correction.

o In extremely rare cases, internal drive testing found that if I_T nexus loss is greater than 2 seconds, data loss might occur. If this rare condition occurs, the drive reports sense code 06/29/04 (HDD executed internal reboot), which displays on the screen and is entered in the drive log.

o Drive may report sense code 02/04/02 instead of 02/04/01 if MODE SENSE and MODE SELECT command come before drive ready. The drive name will no longer display in the list, and the system will not be able to access the drive until the system is power-cycled or reset.

Online HDD/SDD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives

Version: HPD4 (Recommended)

Important Note!

- o Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- o Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- o Drive would stop responding on read retry Step 50 of Controller code correction.
- o In extremely rare cases, internal drive testing found that if I_T nexus loss is greater than 2 seconds, data loss might occur. If this rare condition occurs, the drive reports sense code 06/29/04 (HDD executed internal reboot), which displays on the screen and is entered in the drive log.
- o Drive may report sense code 02/04/02 instead of 02/04/01 if MODE SENSE and MODE SELECT command come before drive ready. The drive name will no longer display in the list, and the system will not be able to access the drive until the system is power-cycled or reset.

Online HDD/SDD Flash Component for Windows (x64) - MB002000JWFVN and MB004000JWFVP Drives

Version: HPD3 (Recommended)

Important Note!

- o Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- o Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- o Fix issue with Drive Hang on Read Retry Step 50 Controller code correction - When "command aging timer expire" AND "I_T nexus loss" occurs at the same time, HDD reports sense code, 06-29-04 Sense code correction.
- o Drive may report sense 02/04/02 instead of 02/04/01 if MODE SENSE and MODE SELECT command come before drive ready.

Online HDD/SDD Flash Component for Windows (x64) - MB004000JWFK and MB006000JWFVL Drives

Version: HPD3 (Recommended)

Important Note!

- o Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

o Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- o Fix issue with drive Hang on read retry Step 50 Controller code correction - When "command aging timer expire" AND "I_T nexus loss" occurs at the same time, HDD reports sense code, 06-29-04 Sense code correction.
- o Drive may report sense 02/04/02 instead of 02/04/01 if MODE SENSE and MODE SELECT command come before drive ready.

Online HDD/SDD Flash Component for Windows (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives

Version: HPD8 (Critical)

Important Note!

- o Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- o Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- o The issue affects SSDs with an HPE firmware version prior to HPD8 that results in SSD failure at 32,768 hours of operation (i.e., 3 years, 270 days 8 hours), neither the SSD nor the data can be recovered, after the SSD failure occurs.
- o In addition, SSDs which were put into service at the same time will likely fail nearly simultaneously.
- o For more information, refer to HPE Customer Advisory at the following URL:
https://support.hpe.com/hpsc/doc/public/display docId=emr_na-a00092491en_us

Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR and EG002400JWJNT Drives

Version: HPD5 (Recommended)

Important Note!

- o Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- o Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

Fixes

- o This firmware includes a change to reduce response times on random read/write workloads where commands are sent at slow interval (one every few hundred milliseconds).

Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10

Version: 2.65 (Critical)

Fixes

- o Prevents a potential data inconsistency from occurring after experiencing an Unrecoverable Read Error (URE) on a drive configured in RAID 1/10/ADM Fault Tolerant Mode.
 - o Prevents a potential data inconsistency from occurring during initial configuration and operation of a volume configured in RAID 5/6/50/60 Fault Tolerant Mode.
 - o For additional information regarding Compute and Storage platforms, reference Customer Bulletin a00097210en_us.
 - o For additional information regarding SimpliVity platforms, reference Customer Bulletin a00097566en_us
- IMPORTANT: RAID 0 and drives in HBA Mode are not affected.

Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10

Version: 2.65 (Critical)

Fixes

- o Prevents a potential data inconsistency from occurring after experiencing an Unrecoverable Read Error (URE) on a drive configured in RAID 1/10/ADM Fault Tolerant Mode.
 - o Prevents a potential data inconsistency from occurring during initial configuration and operation of a volume configured in RAID 5/6/50/60 Fault Tolerant Mode.
 - o For additional information regarding Compute and Storage platforms, reference Customer Bulletin a00097210en_us.
 - o For additional information regarding SimpliVity platforms, reference Customer Bulletin a00097566en_us
- IMPORTANT: RAID 0 and drives in HBA Mode are not affected.

Supplemental Update / Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10

Version: 2.65 (Critical)

Fixes

- o Prevents a potential data inconsistency from occurring after experiencing an Unrecoverable Read Error (URE) on a drive configured in RAID 1/10/ADM Fault Tolerant Mode.
- o Prevents a potential data inconsistency from occurring during initial configuration and operation of a volume configured in RAID 5/6/50/60 Fault Tolerant Mode.

o For additional information regarding Compute and Storage platforms, reference Customer Bulletin a00097210en_us.

For additional information regarding SimpliVity platforms, reference Customer Bulletin a00097566en_us
IMPORTANT: RAID 0 and drives in HBA Mode are not affected.

HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)

Version: 2019.12.02 (Recommended)

Important Note!

Release Notes:

HPE StoreFabric Emulex Adapters Release Notes

Beginning with software release 11.2, Fibre Channel (LightPulse) adapters and Converged Network adapters (OneConnect) have independent software kits.

It is highly recommended that you review the Broadcom Software Kit Migration User Guide for more detailed information regarding this change.

To obtain the guide:

1. Go to <http://www.hpe.com/support/manuals>
2. Using the HPE model number as your guide, enter the adapter model number in the Search products box, and then click >>.

This document provides special instructions and considerations for using the driver kits for FC and CNA adapters.

Special cases include those in which pre-11.2 (original) drivers and applications are replaced by the new 11.2 drivers and applications, and cases in which inbox drivers are replaced by the new 11.2 out-of-box (OOB) drivers.

This Firmware package contains following firmware versions:

Adapter	Gen/Family/Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE StoreFabric SN1200E 16Gb 2P FC HBA	Gen6/LPE31000/16Gb	N/A	12.4.270.14	N/A	N/A
HPE StoreFabric SN1200E 16Gb 1P FC HBA	Gen6/LPE31000/16Gb	N/A	12.4.270.14	N/A	N/A
HPE StoreFabric SN1600E 32Gb 2p FC HBA	Gen6/LPE32000/32Gb	N/A	12.4.270.14	N/A	N/A
HPE StoreFabric SN1600E 32Gb 1p FC HBA	Gen6/LPE32000/32Gb	N/A	12.4.270.14	N/A	N/A

Prerequisites

Firmware updates may be accomplished using the inbox or Out of Box (OOB) drivers. Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

The HPE supplied enablement kit must be installed prior to this firmware component being identified by SUM for deployment.

The OOB driver and enablement kit are available on the Service Pack for ProLiant (SPP) which is available at <http://www.hpe.com/servers/spp/download>.

The Enablement Kit requires that the target environment have the libHBAAPI package installed from your

OS installation media.

Install the FC Driver Kit, reboot, and then install the Enablement Kit.

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

Fix the following:

Where Host Bus Adapters reporting address NACKs (No Acknowledgements) from external temperature sensors.

Enhancements

We have separate components to update fibre channel and converged network adapters. This is a fibre channel update component.

Contains:

16/32 Gb HBA/Mezz universal boot 12.4.270.14

Supported Devices and Features

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

- * HPE StoreFabric SN1200E 16Gb 2P FC HBA
- * HPE StoreFabric SN1200E 16Gb 1P FC HBA
- * HPE StoreFabric SN1600E 32Gb 2p FC HBA
- * HPE StoreFabric SN1600E 32Gb 1p FC HBA

HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.5

Version: 2019.12.02 (Recommended)

Important Note!

Release Notes:

HPE StoreFabric Emulex Adapters Release Notes

Beginning with software release 11.2, Fibre Channel (LightPulse) adapters and Converged Network adapters (OneConnect) have independent software kits.

It is highly recommended that you review the Broadcom Software Kit Migration User Guide for more detailed information regarding this change.

To obtain the guide:

1. Go to <http://www.hpe.com/support/manuals>
2. Using the HPE model number as your guide, enter the adapter model number in the Search products box, and then click >>.

This document provides special instructions and considerations for using the driver kits for FC and CNA adapters.

Special cases include those in which pre-11.2 (original) drivers and applications are replaced by the new 11.2 drivers and applications, and cases in which inbox drivers are replaced by the new 11.2 out-of-box

(OOB) drivers.

This Firmware package contains following firmware versions:

Adapter	Gen/Family/Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE StoreFabric SN1200E 16Gb 2P FC HBA	Gen6/LPE31000/16Gb	N/A	12.4.270.14	N/A	N/A
HPE StoreFabric SN1200E 16Gb 1P FC HBA	Gen6/LPE31000/16Gb	N/A	12.4.270.14	N/A	N/A
HPE StoreFabric SN1600E 32Gb 2p FC HBA	Gen6/LPE32000/32Gb	N/A	12.4.270.14	N/A	N/A
HPE StoreFabric SN1600E 32Gb 1p FC HBA	Gen6/LPE32000/32Gb	N/A	12.4.270.14	N/A	N/A

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

Fixes

Fix the following:

Where Host Bus Adapters reporting address NACKs (No Acknowledgements) from external temperature sensors.

Enhancements

We have separate components to update fibre channel and converged network adapters. This is a fibre channel update component.

Contains:

16/32 Gb HBA/Mezz universal boot 12.4.270.14

Supported Devices and Features

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

- * HPE StoreFabric SN1200E 16Gb 2P FC HBA
- * HPE StoreFabric SN1200E 16Gb 1P FC HBA
- * HPE StoreFabric SN1600E 32Gb 2p FC HBA
- * HPE StoreFabric SN1600E 32Gb 1p FC HBA

HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.7

Version: 2019.12.02 (Recommended)

Important Note!

Release Notes:

HPE StoreFabric Emulex Adapters Release Notes

Beginning with software release 11.2, Fibre Channel (LightPulse) adapters and Converged Network adapters (OneConnect) have independent software kits.

It is highly recommended that you review the Broadcom Software Kit Migration User Guide for more

detailed information regarding this change.

To obtain the guide:

1. Go to <http://www.hpe.com/support/manuals>
2. Using the HPE model number as your guide, enter the adapter model number in the Search products box, and then click >>.

This document provides special instructions and considerations for using the driver kits for FC and CNA adapters.

Special cases include those in which pre-11.2 (original) drivers and applications are replaced by the new 11.2 drivers and applications, and cases in which inbox drivers are replaced by the new 11.2 out-of-box (OOB) drivers.

This Firmware package contains following firmware versions:

Adapter	Gen/Family/Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE StoreFabric SN1200E 16Gb 2P FC HBA	Gen6/LPE31000/16Gb	N/A	12.4.270.14	N/A	N/A
HPE StoreFabric SN1200E 16Gb 1P FC HBA	Gen6/LPE31000/16Gb	N/A	12.4.270.14	N/A	N/A
HPE StoreFabric SN1600E 32Gb 2p FC HBA	Gen6/LPE32000/32Gb	N/A	12.4.270.14	N/A	N/A
HPE StoreFabric SN1600E 32Gb 1p FC HBA	Gen6/LPE32000/32Gb	N/A	12.4.270.14	N/A	N/A

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

Fixes

Fix the following:

Where Host Bus Adapters reporting address NACKs (No Acknowledgements) from external temperature sensors.

Enhancements

We have separate components to update fibre channel and converged network adapters. This is a fibre channel update component.

Contains:

16/32 Gb HBA/Mezz universal boot 12.4.270.14

Supported Devices and Features

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

- * HPE StoreFabric SN1200E 16Gb 2P FC HBA
- * HPE StoreFabric SN1200E 16Gb 1P FC HBA
- * HPE StoreFabric SN1600E 32Gb 2p FC HBA
- * HPE StoreFabric SN1600E 32Gb 1p FC HBA

HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Windows 2012 R2/2016/2019 x64

Version: 2019.12.02 (Recommended)

Important Note!

Release Notes:

HPE StoreFabric Emulex Adapters Release Notes

Beginning with software release 11.2, Fibre Channel (LightPulse) adapters and Converged Network adapters (OneConnect) have independent software kits.

It is highly recommended that you review the Broadcom Software Kit Migration User Guide for more detailed information regarding this change.

To obtain the guide:

1. Go to <http://www.hpe.com/support/manuals>
2. Using the HPE model number as your guide, enter the adapter model number in the Search products box, and then click >>.

This document provides special instructions and considerations for using the driver kits for FC and CNA adapters.

Special cases include those in which pre-11.2 (original) drivers and applications are replaced by the new 11.2 drivers and applications, and cases in which inbox drivers are replaced by the new 11.2 out-of-box (OOB) drivers.

This Firmware package contains following firmware versions:

Adapter	Gen/Family/Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE StoreFabric SN1200E 16Gb 2P FC HBA	Gen6/LPE31000/16Gb	N/A	12.4.270.14	N/A	N/A
HPE StoreFabric SN1200E 16Gb 1P FC HBA	Gen6/LPE31000/16Gb	N/A	12.4.270.14	N/A	N/A
HPE StoreFabric SN1600E 32Gb 2p FC HBA	Gen6/LPE32000/32Gb	N/A	12.4.270.14	N/A	N/A
HPE StoreFabric SN1600E 32Gb 1p FC HBA	Gen6/LPE32000/32Gb	N/A	12.4.270.14	N/A	N/A

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

The HPE supplied Emulex driver must be installed prior to this firmware component being identified by SUM for deployment. The OOB driver is available on the Service Pack for ProLiant (SPP) which is available at <http://www.hpe.com/servers/spp/download/>

Fixes

Fix the following:

Where Host Bus Adapters reporting address NACKs (No Acknowledgements) from external temperature sensors.

Enhancements

We have separate components to update fibre channel and converged network adapters. This is a fibre channel update component.

Contains:

16/32 Gb HBA/Mezz universal boot 12.4.270.14

Supported Devices and Features

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

- * HPE StoreFabric SN1200E 16Gb 2P FC HBA
- * HPE StoreFabric SN1200E 16Gb 1P FC HBA
- * HPE StoreFabric SN1600E 32Gb 2p FC HBA
- * HPE StoreFabric SN1600E 32Gb 1p FC HBA

HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)

Version: 2019.12.03 (Recommended)

Important Note!

Refer release notes available at:

HPE StoreFabric QLogic Adapter Release Notes

This Firmware package contains following firmware versions:

Adapter	Gen/Speed	MBI	Firmware	UEFI	Boot Bios
HPE StoreFabric SN1000Q 16GB 2-port PCIe Fibre Channel Host Bus Adapter	Gen5/16Gb	6.02.01	8.08.230	7.02	3.43
HPE StoreFabric SN1000Q 16GB 1-port PCIe Fibre Channel Host Bus Adapter	Gen5/16Gb	6.02.01	8.08.230	7.02	3.43
HPE StoreFabric SN1100Q 16GB 2-port PCIe Fibre Channel Host Bus Adapter	Gen6/16Gb	1.73.08	8.08.230	7.02	3.64
HPE StoreFabric SN1100Q 16GB 1-port PCIe Fibre Channel Host Bus Adapter	Gen6/16Gb	1.73.08	8.08.230	7.02	3.64
HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	Gen6/32Gb	1.73.08	8.08.230	7.02	3.64
HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	Gen6/32Gb	1.73.08	8.08.230	7.02	3.64

Prerequisites

Firmware updates may be accomplished using the inbox or Out of Box (OOB) drivers. Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

The HPE supplied enablement kit must be installed prior to this firmware component being identified by SUM for deployment.

The OOB driver and enablement kit are available on the Service Pack for ProLiant (SPP) which is available at <http://www.hpe.com/servers/spp/download>.

Fixes

Fixed the following:

In extremely rare cases, the following QLogic Fibre Channel (FC) Host Bus Adapters (HBAs), SN1100Q, SN1600Q and SN1610Q may cause the host Operating System (OS) to stop. Subsequent OS reboot may reveal some filesystem data is unavailable or inconsistent. Out of an abundance of caution, HPE updated the Firmware/BIOS/UEFI (Boot Image) packages for these adapters to eliminate possible exposure to this extremely rare but critical issue.

For more details please go through the document titled "HPE ProLiant, Synergy and Superdome Flex Host Bus Adapters (HBA) - Certain Fibre Channel HBA Firmware May Cause the Operating System to Halt and Potentially Compromise Filesystem Data Integrity" at the following link:

https://support.hpe.com/hpesc/public/docDisplay docLocale=en_US&docId=a00094722en_us

Enhancements

Updated the Firmware/BIOS/UEFI packages for following:

o Gen5 Fibre Channel Host Bus Adapter:

- * Package 6.02.01
- * Firmware 8.08.230
- * UEFI 7.02
- * BIOS 3.43

o Gen6 Fibre Channel Host Bus Adapter:

- * Package 1.73.08
- * Firmware 8.08.230
- * UEFI 7.02
- * BIOS 3.64

Supported Devices and Features

This firmware supports the following HPE adapters:

- o HPE StoreFabric SN1100Q 16GB 2-port PCIe Fibre Channel Host Bus Adapter
- o HPE StoreFabric SN1100Q 16GB 1-port PCIe Fibre Channel Host Bus Adapter
- o HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- o HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.5

Version: 2019.12.03 (Recommended)

Important Note!

Refer release notes available at:

HPE StoreFabric QLogic Adapter Release Notes

This Firmware package contains following firmware versions:

Adapter	Gen/Speed	MBI	Firmware	UEFI	Boot Bios
HPE StoreFabric SN1000Q 16GB 2-port	Gen5/16Gb	6.02.01	8.08.230	7.02	3.43

PCIe Fibre Channel Host Bus Adapter					
HPE StoreFabric SN1000Q 16GB 1-port PCIe Fibre Channel Host Bus Adapter	Gen5/16Gb	6.02.01	8.08.230	7.02	3.43
HPE StoreFabric SN1100Q 16GB 2-port PCIe Fibre Channel Host Bus Adapter	Gen6/16Gb	1.73.08	8.08.230	7.02	3.64
HPE StoreFabric SN1100Q 16GB 1-port PCIe Fibre Channel Host Bus Adapter	Gen6/16Gb	1.73.08	8.08.230	7.02	3.64
HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	Gen6/32Gb	1.73.08	8.08.230	7.02	3.64
HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	Gen6/32Gb	1.73.08	8.08.230	7.02	3.64

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

The HPE supplied Qlogic driver must be installed prior to this firmware component being identified by SUM for deployment. The OOB driver is available on the Service Pack for ProLiant (SPP) which is available at <http://www.hpe.com/servers/spp/download/>

Fixes

Fixed the following:

In extremely rare cases, the following QLogic Fibre Channel (FC) Host Bus Adapters (HBAs), SN1100Q, SN1600Q and SN1610Q may cause the host Operating System (OS) to stop. Subsequent OS reboot may reveal some filesystem data is unavailable or inconsistent. Out of an abundance of caution, HPE updated the Firmware/BIOS/UEFI (Boot Image) packages for these adapters to eliminate possible exposure to this extremely rare but critical issue.

For more details please go through the document titled "HPE ProLiant, Synergy and Superdome Flex Host Bus Adapters (HBA) - Certain Fibre Channel HBA Firmware May Cause the Operating System to Halt and Potentially Compromise Filesystem Data Integrity" at the following link:

https://support.hpe.com/hpesc/public/docDisplay docLocale=en_US&docId=a00094722en_us

Enhancements

Updated the Firmware/BIOS/UEFI packages for following:

o Gen5 Fibre Channel Host Bus Adapter:

* Package 6.02.01

* Firmware 8.08.230

* UEFI 7.02

* BIOS 3.43

o Gen6 Fibre Channel Host Bus Adapter:

* Package 1.73.08

* Firmware 8.08.230

* UEFI 7.02

* BIOS 3.64

Supported Devices and Features

This firmware supports the following HPE adapters:

- o HPE StoreFabric SN1100Q 16GB 2-port PCIe Fibre Channel Host Bus Adapter
- o HPE StoreFabric SN1100Q 16GB 1-port PCIe Fibre Channel Host Bus Adapter
- o HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- o HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.7

Version: 2019.12.03 (Recommended)

Important Note!

Refer release notes available at:

HPE StoreFabric QLogic Adapter Release Notes

This Firmware package contains following firmware versions:

Adapter	Gen/Speed	MBI	Firmware	UEFI	Boot Bios
HPE StoreFabric SN1000Q 16GB 2-port PCIe Fibre Channel Host Bus Adapter	Gen5/16Gb	6.02.01	8.08.230	7.02	3.43
HPE StoreFabric SN1000Q 16GB 1-port PCIe Fibre Channel Host Bus Adapter	Gen5/16Gb	6.02.01	8.08.230	7.02	3.43
HPE StoreFabric SN1100Q 16GB 2-port PCIe Fibre Channel Host Bus Adapter	Gen6/16Gb	1.73.08	8.08.230	7.02	3.64
HPE StoreFabric SN1100Q 16GB 1-port PCIe Fibre Channel Host Bus Adapter	Gen6/16Gb	1.73.08	8.08.230	7.02	3.64
HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	Gen6/32Gb	1.73.08	8.08.230	7.02	3.64
HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	Gen6/32Gb	1.73.08	8.08.230	7.02	3.64

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

The HPE supplied QLogic driver must be installed prior to this firmware component being identified by SUM for deployment. The OOB driver is available on the Service Pack for ProLiant (SPP) which is available at <http://www.hpe.com/servers/spp/download/>

Fixes

Fixed the following:

In extremely rare cases, the following QLogic Fibre Channel (FC) Host Bus Adapters (HBAs), SN1100Q, SN1600Q and SN1610Q may cause the host Operating System (OS) to stop. Subsequent OS reboot may reveal some filesystem data is unavailable or inconsistent. Out of an abundance of caution, HPE updated the Firmware/BIOS/UEFI (Boot Image) packages for these adapters to eliminate possible exposure to this extremely rare but critical issue.

For more details please go through the document titled "HPE ProLiant, Synergy and Superdome Flex Host Bus Adapters (HBA) - Certain Fibre Channel HBA Firmware May Cause the Operating System to Halt and Potentially Compromise Filesystem Data Integrity" at the following link:

https://support.hpe.com/hpesc/public/docDisplay docLocale=en_US&docId=a00094722en_us.

Enhancements

Updated the Firmware/BIOS/UEFI packages for following:

o Gen5 Fibre Channel Host Bus Adapter:

* Package 6.02.01

* Firmware 8.08.230

* UEFI 7.02

* BIOS 3.43

o Gen6 Fibre Channel Host Bus Adapter:

* Package 1.73.08

* Firmware 8.08.230

* UEFI 7.02

* BIOS 3.64

Supported Devices and Features

This firmware supports the following HPE adapters:

o HPE StoreFabric SN1100Q 16GB 2-port PCIe Fibre Channel Host Bus Adapter

o HPE StoreFabric SN1100Q 16GB 1-port PCIe Fibre Channel Host Bus Adapter

o HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter

o HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

Emulex Fibre Channel driver component for VMware vSphere 6.5

Version: 2019.12.02 (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CPXXXX.xml file.

Beginning with software release 11.2, Fibre Channel (LightPulse) adapters and Converged Network adapters (OneConnect) have independent software kits.

It is highly recommended that you review the Broadcom Software Kit Migration User Guide for more detailed information regarding this change.

To obtain the guide:

1. Go to <http://www.hpe.com/support/manuals>
2. Using the HPE model number as your guide, enter the adapter model number in the Search products box, and then click >>.

This document provides special instructions and considerations for using the driver kits for FC and CNA adapters.

Special cases include those in which pre-11.2 (original) drivers and applications are replaced by the new 11.2 drivers and applications, and cases in which inbox drivers are replaced by the new 11.2 out-of-box (OOB) drivers.

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

Beginning with software release 11.2, Fibre Channel (LightPulse) adapters and Converged Network adapters (OneConnect) have independent software kits.

It is highly recommended that you review the Broadcom Software Kit Migration User Guide for more detailed information regarding this change.

To obtain the guide:

1. Go to <http://www.hpe.com/support/manuals>
2. Using the HPE model number as your guide, enter the adapter model number in the Search products box, and then click >>.

This document provides special instructions and considerations for using the driver kits for FC and CNA adapters.

Special cases include those in which pre-11.2 (original) drivers and applications are replaced by the new 11.2 drivers and applications, and cases in which inbox drivers are replaced by the new 11.2 out-of-box (OOB) drivers.

Enhancements

Updated to Driver version 12.4.270.6

Supported Devices and Features

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

- * HPE StoreFabric SN1200E 16Gb 2P FC HBA
- * HPE StoreFabric SN1200E 16Gb 1P FC HBA
- * HPE StoreFabric SN1600E 32Gb 2p FC HBA
- * HPE StoreFabric SN1600E 32Gb 1p FC HBA

Emulex Fibre Channel driver component for VMware vSphere 6.7

Version: 2019.12.02 (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip that contains the same driver deliverable available from the vmware.com and the HPE_vibsdepot.hpe.com webpages, plus an HPE specific CPXXXX.xml file.

Beginning with software release 11.2, Fibre Channel (LightPulse) adapters and Converged Network adapters (OneConnect) have independent software kits.

It is highly recommended that you review the Broadcom Software Kit Migration User Guide for more detailed information regarding this change.

To obtain the guide:

1. Go to <http://www.hpe.com/support/manuals>
2. Using the HPE model number as your guide, enter the adapter model number in the Search products box, and then click >>.

This document provides special instructions and considerations for using the driver kits for FC and CNA adapters.

Special cases include those in which pre-11.2 (original) drivers and applications are replaced by the new 11.2 drivers and applications, and cases in which inbox drivers are replaced by the new 11.2 out-of-box (OOB) drivers.

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

Beginning with software release 11.2, Fibre Channel (LightPulse) adapters and Converged Network adapters (OneConnect) have independent software kits.

It is highly recommended that you review the Broadcom Software Kit Migration User Guide for more detailed information regarding this change.

To obtain the guide:

1. Go to <http://www.hpe.com/support/manuals>
2. Using the HPE model number as your guide, enter the adapter model number in the Search products box, and then click >>.

This document provides special instructions and considerations for using the driver kits for FC and CNA adapters.

Special cases include those in which pre-11.2 (original) drivers and applications are replaced by the new 11.2 drivers and applications, and cases in which inbox drivers are replaced by the new 11.2 out-of-box (OOB) drivers.

Enhancements

Updated to Driver version 12.4.270.6

Supported Devices and Features

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

- * HPE StoreFabric SN1200E 16Gb 2P FC HBA
- * HPE StoreFabric SN1200E 16Gb 1P FC HBA
- * HPE StoreFabric SN1600E 32Gb 2p FC HBA
- * HPE StoreFabric SN1600E 32Gb 1p FC HBA

QLogic Fibre Channel driver component for VMware vSphere 6.5

Version: 2019.12.02 (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CPXXXX.xml file.

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

Fixes

Fixed the following:

Driver run into a Purple Screen of Death (PSOD) after Invalid entry, prints in the vmkernel log;

"WARNING: qlnativefc: vmhba2(12:0.0): Invalid ISP SCSI completion handle(281) req=1

WARNING: qlnativefc: vmhba2(12:0.0): Invalid ISP SCSI completion handle(282) req=1"

Enhancements

Driver version 2.1.96.0

Supported Devices and Features

This driver supports the following HPE adapters:

- o HPE StoreFabric SN1100Q 16GB 2-port PCIe Fibre Channel Host Bus Adapter
- o HPE StoreFabric SN1100Q 16GB 1-port PCIe Fibre Channel Host Bus Adapter
- o HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- o HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

QLogic Fibre Channel driver component for VMware vSphere 6.7

Version: 2019.12.02 (Recommended)

Important Note!

This component is intended to be used by HPE applications. It is a zip that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CPXXXX.xml file.

Prerequisites

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

Fixes

Fixed the following:

Driver run into a Purple Screen of Death (PSOD) after Invalid entry, prints in the vmkernel log;

"WARNING: qlnativefc: vmhba2(12:0.0): Invalid ISP SCSI completion handle(281) req=1

WARNING: qlnativefc: vmhba2(12:0.0): Invalid ISP SCSI completion handle(282) req=1"

Enhancements

Driver version 3.1.31.0

Supported Devices and Features

This driver supports the following HPE adapters:

- o HPE StoreFabric SN1100Q 16GB 2-port PCIe Fibre Channel Host Bus Adapter
- o HPE StoreFabric SN1100Q 16GB 1-port PCIe Fibre Channel Host Bus Adapter
- o HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- o HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

Agentless Management Service for Windows X64

Version: 2.12.0.0 (Optional)

Important Note!

iLO Firmware Version:

- o This version of AMS has been tested with iLO 5 firmware version 2.12. It is recommended to install AMS 2.12 on systems with iLO 5 firmware 2.10 or newer.

About installation and enablement of SMA service:

- o 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.

- o During AMS installation in silent mode, SMA is installed but the service is not enabled.

o 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"

o IMPORTANT: The SNMP service community name and permission must also be setup. This is not done by "EnableSma.bat".

o 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"

o 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:

o 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%.

o Test trap generated from AMS Control Panel Applet requires iLO5 firmware version 2.10 and newer.

o 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

Fixed the intermittent failure to query SNMP data from OS IP address(es).

Smart Storage Administrator (SSA) CLI for Linux 64-bit

Version: 4.17.6.0 (Optional)

Fixes

Split Mirror Primary Array's Acceleration Mode displays an invalid message that indicates caching can be enabled or disabled for each individual logical drive even if the array does not contain a logical drive that can have caching enabled.

Smart Storage Administrator (SSA) CLI for Windows 64-bit

Version: 4.17.6.0 (Optional)

Fixes

Split Mirror Primary Array's Acceleration Mode displays an invalid message that indicates caching can be enabled or disabled for each individual logical drive even if the array does not contain a logical drive that can have caching enabled.

Smart Storage Administrator (SSA) for Linux 64-bit

Version: 4.17.6.0 (Optional)

Prerequisites

The Smart Storage Administrator for Linux requires the System Management Homepage software to be installed on the server. If the System Management Homepage software is not already installed on your server, please download it from HPE.com and install it before installing the Smart Storage Administrator for Linux.

IMPORTANT UPDATE: SSA (GUI) for Linux can now be run without requiring the System Management Homepage. SSA now supports a Local Application Mode for Linux. The System Management Homepage is still supported, but no longer required to run the SSA GUI.

To invoke, enter the following at the command prompt:

```
ssa -local
```

The command will start SSA in a new Firefox browser window. When the browser window is closed, SSA will automatically stop. This is only valid for the loopback interface, and not visible to external network connections.

Fixes

Split Mirror Primary Array's Acceleration Mode displays an invalid message that indicates caching can be enabled or disabled for each individual logical drive even if the array does not contain a logical drive that can have caching enabled.

Smart Storage Administrator (SSA) for Windows 64-bit

Version: 4.17.6.0 (Optional)

Fixes

Split Mirror Primary Array's Acceleration Mode displays an invalid message that indicates caching can be enabled or disabled for each individual logical drive even if the array does not contain a logical drive that can have caching enabled.

Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit

Version: 4.17.6.0 (Optional)

Fixes

Split Mirror Primary Array's Acceleration Mode displays an invalid message that indicates caching can be enabled or disabled for each individual logical drive even if the array does not contain a logical drive that can have caching enabled.

Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit

Version: 4.17.6.0 (Optional)

Important Note!

This stand alone version of the Smart Storage Administrator's Diagnostic feature is available only in CLI form. For the GUI version of Diagnostic reports, please use Smart Storage Administrator (SSA).

Fixes

Split Mirror Primary Array's Acceleration Mode displays an invalid message that indicates caching can be enabled or disabled for each individual logical drive even if the array does not contain a logical drive that can have caching enabled.

Utility - Tools

HPE Utilities Bundle Smart Component for ESXi 6.5

Version: 2020.03.09 (Recommended)

Important Note!

Refer to the HPE VMware Utilities Guide for VMware vSphere 6.5 U3 which is located at HPE Information Library.

Enhancements

Updated the Smart Storage Administrator CLI (SSACLI)

HPE Utilities Bundle Smart Component for ESXi 6.7

Version: 2020.03.09 (Recommended)

Important Note!

Refer to the HPE VMware Utilities Guide for VMware vSphere 6.7 U3 which is located at HPE Information

Library.

Enhancements

Updated the Smart Storage Administrator CLI (SSACLI)