

HA8000V シリーズ

Service Pack for HA8000V (SPH)

Version 5.10 2

Readme

2020年4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。

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1.2 注意事項

- (1) 本書は改良のため、予告なしに変更することがあります。
- (2) Service Pack for HA8000V のご使用に当たっては、<CD ドライブ>¥EULA に格納された「エンドユーザー使用許諾契約書」をお読みください。
- (3) Service Pack for HA8000V に瑕疵が無いことを保証するものではありません。
- (4) Service Pack for HA8000V は、「3 適用機種及びOS」記載のプラットフォームでご使用いただけます。
- (5) 天災、人災、事故等で Service Pack for HA8000V 使用中に電源が切れますとシステム装置が正常に動作しなくなることがありますので十分に気を付けてください。
- (6) お客様は、Service Pack for HA8000V 並びに本書の全部又は一部を単独で又は他の情報等と組み合わせ、直接又は間接に以下に該当する取扱いをする場合、「外国為替及び外交貿易」の規制及び米国輸出管理規制等外国の輸出関連法規を確認し、適正な手続きを行う必要があります。
 - 輸出するとき。
 - 海外へ持ち出すとき。
 - 非居住者へ提供し、又は使用させるとき。
 - 上記に定めるほか、「外国為替及び外国貿易法」又は外国の輸出関連法規に定めがあるとき。
- (7) マニュアル『HA8000V シリーズ 重要事項および読替ガイド』には、各種マニュアルをご覧いただく際、事前にご理解いただくべき内容を記載しています。こちらも含わせてご参照ください。マニュアルは『ドキュメントポータル』の「マニュアル > サーバ」-「HA8000V シリーズ」より参照いただけます。

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

1.3 変更履歴

発行日	変更内容
2019年5月	初版
2019年6月	サポートデバイス追加(Ethernet 10/25Gb 2-port 631 Adptr)
2020年4月	5.3 (2), 5.7.4 追記

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 7.6
- Red Hat® Enterprise Linux® Server 7.5
- Red Hat® Enterprise Linux® Server 6.10
- Red Hat® Enterprise Linux® Server 6.9
- VMware vSphere® ESXi™ 6.7
- VMware vSphere® ESXi™ 6.5
- VMware vSphere® ESXi™ 6.0

4. 変更内容

本章では、今回のリリースの変更内容を記載しています。

4.1 新規サポート内容

(1) 追加サポート機種及びOS

- 追加サポート機種
なし
- 追加サポートOS
なし

(2) 追加サポートデバイス

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

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関する制限事項

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、上記確認の結果、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、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ボタンをクリックをしてください。

【注意】

本制限のため、5.3 に示す確認手順で、ランゲージパックが適用対象として残る場合があります。

5.5 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。

5.5.1 ASR 操作の PowerShell スクリプトの入手について

ASR の有効/無効の確認並びに切り替えは ASR ドライバ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。

Description	Version	Filename
iLO 5 Automatic Server Recovery Driver for Windows Server 2012 R2	4.4.0.0	cp035137.exe
iLO 5 Automatic Server Recovery Driver for Windows Server 2016 and Server 2019	4.4.0.0 (B)	cp035140.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

5.5.2 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
```

5.5.3 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
```

5.5.4 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
```

5.6 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。

5.7 VMware をご使用にあたっての注意事項

5.7.1 ファームウェアの適用について

システム装置を安定してご使用いただくためには、ご使用の VMware バージョンに合わせたファームウ

エアを適用頂く必要があります。

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

【リモートオンライン 展開モードを使用する場合】

本モードでは、ファームウェアに加えてドライバのアップデートも可能です。

事前に「iSUT」のインストール及び ESXi ホストに対する設定が必要です。

「iSUT」が未インストールの場合、『5.7.2 iSUT のインストール』記載の手順に従ってインストールしてください。ESXi ホストに対しては、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]ー[OS、ISV 情報]にある『VMware』に掲載している注意事項をご参照の上、推奨ドライババージョンをご確認ください。

5.7.2 iSUT のインストール

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

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

- (1) iSUT は SPH の packages ディレクトリに収録されています。下表に示す zip ファイルを展開し、iSUT のオフラインバンドル(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 vSphere® ESXi™ 6.0	cp035737.zip	sut-esxi6.0-offline-bundle-2.4.0.0-45.zip

2	VMware vSphere® ESXi™ 6.5	cp035739.zip	sut-esxi6.5-offline-bundle-2.4.0.0-36.zip
3	VMware vSphere® ESXi™ 6.7	cp035738.zip	sut-esxi6.7-offline-bundle-2.4.0.0-31.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。

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

5.7.3 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+ ネットワークアダプター	i40e	i40en
TQ-N□□-727055-B21	Ethernet 10Gb 2 ポート 562SFP+		

	ネットワークアダプター		
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(*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。

5.7.4 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。

5.8 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。

5.9 RHEL 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 RHEL7.5、RHEL6.9/6.10 上でご使用になる場合、SPH5.00 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。

RHEL7.5、RHEL6.9/6.10 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	RHEL7.5 : 8.08.00.08.07.5_k1	01.70.85
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	RHEL6.9/6.10 : 8.08.00.08.06.0_k1	
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	RHEL7.5 : 8.08.00.08.07.5_k1	01.70.85

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	RHEL6.9/6.10 : 8.08.00.08.06.0_k1	
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(*1) : □には製品構成などにより異なった英数字が入ります。

5.10 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、下表の SPH5.00 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	10.4.4
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+ ネットワークアダプター	10.4.3
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	1.2028.0

(*1) : □には製品構成などにより異なった英数字が入ります。

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。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 Management](#)
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- [Firmware - Lights-Out Management](#)
- [Firmware – Network](#)
- [Firmware - PCIe NVMe Storage Disk](#)
- [Firmware - Power Management](#)
- [Firmware - SAS Storage Disk](#)
- [Firmware - SATA Storage Disk](#)
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- [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 2.4.0 for ESXi 6.0	cp035737.zip	-	2019.03.00	6.0.0.2.4.0.0-55	
2	Integrated Smart Update Tools 2.4.0 for ESXi 6.5	cp035739.zip	-	2019.03.00	6.5.0.2.4.0.0-42	
3	Integrated Smart Update Tools 2.4.0 for ESXi 6.7	cp035738.zip	-	2019.03.00	6.7.0.2.4.0-33	
4	Integrated Smart Update Tools for Linux x64	sut-2.4.0-61.linux.x86_64.rpm	-	2.4.0.0	2.4.0-61.linux	
5	Integrated Smart Update Tools for Windows x64	cp035075.exe	-	2.4.0.0	2.4.0.0	

6.2.2 BIOS - System ROM

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
6	Online ROM Flash Component for Linux - OEM System ROM U34	firmware-system-oem-u34-2.04_2019_04_18-1.1.x86_64.rpm	System BIOS - U34	2.04_04-18-2019	v2.04 (04/18/2019)	更新
7	Online ROM Flash Component for Linux - System ROM U30	firmware-system-oem-u30-2.04_2019_04_18-1.1.x86_64.rpm	System BIOS - U30	2.04_04-18-2019	v2.04 (04/18/2019)	更新
8	Online ROM Flash Component for Linux - System ROM U32	firmware-system-oem-u32-2.04_2019_04_18-1.1.x86_64.rpm	System BIOS - U32	2.04_04-18-2019	v2.04 (04/18/2019)	更新
9	Online ROM Flash Component for Linux - System ROM U41	firmware-system-oem-u41-2.04_2019_04_18-1.1.x86_64.rpm	System BIOS - U41	2.04_04-18-2019	v2.04 (04/18/2019)	更新
10	Online ROM Flash Component for Linux - System ROM U43	firmware-system-oem-u43-1.22_2019_04_04-1.1.x86_64.rpm	System BIOS - U43	1.22_04-04-2019	v1.22 (04/04/2019)	更新
11	Online ROM Flash Component for Linux - System ROM U44	firmware-system-oem-u44-1.22_2019_04_04-1.1.x86_64.rpm	System BIOS - U44	1.22_04-04-2019	v1.22 (04/04/2019)	更新
12	Online ROM Flash Component for Windows x64 - OEM System ROM U34	cp039440.exe	System BIOS - U34	2.04_04-18-2019	v2.04 (04/18/2019)	更新
13	Online ROM Flash Component for Windows x64 - System ROM U30	cp039395.exe	System BIOS - U30	2.04_04-18-2019	v2.04 (04/18/2019)	更新
14	Online ROM Flash Component for Windows x64 - System ROM U32	cp039235.exe	System BIOS - U32	2.04_04-18-2019	v2.04 (04/18/2019)	更新
15	Online ROM Flash Component for Windows x64 - System ROM U41	cp039348.exe	System BIOS - U41	2.04_04-18-2019	v2.04 (04/18/2019)	更新
16	Online ROM Flash Component for Windows x64 - System ROM U43	cp039485.exe	System BIOS - U43	1.22_04-04-2019	v1.22 (04/04/2019)	更新
17	Online ROM Flash Component for Windows x64 - System ROM U44	cp039482.exe	System BIOS - U44	1.22_04-04-2019	v1.22 (04/04/2019)	更新
18	ROM Flash Firmware Package - System ROM U30	OEM.U30_2.04_04_18_2019.fwpkg	System BIOS - U30	2.04_04-18-2019	v2.04 (04/18/2019)	更新
19	ROM Flash Firmware Package - System ROM U32	OEM.U32_2.04_04_18_2019.fwpkg	System BIOS - U32	2.04_04-18-2019	v2.04 (04/18/2019)	更新
20	ROM Flash Firmware Package - System ROM U34	OEM.U34_2.04_04_18_2019.fwpkg	System BIOS - U34	2.04_04-18-2019	v2.04 (04/18/2019)	更新
21	ROM Flash Firmware Package - System ROM U41	OEM.U41_2.04_04_18_2019.fwpkg	System BIOS - U41	2.04_04-18-2019	v2.04 (04/18/2019)	更新
22	ROM Flash Firmware Package - System ROM U43	OEM.U43_1.22_04_04_2019.fwpkg	System BIOS - U43	1.22_04-04-2019	v1.22 (04/04/2019)	更新

23	ROM Flash Firmware Package - System ROM U44	OEM.U44_1.22_04_04_2019.fwpkg	System BIOS - U44	1.22_04-04-2019	v1.22 (04/04/2019)	更新
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6.2.3 Driver – Chipset

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
24	Identifiers for Intel Xeon Processor Scalable Family for Windows Server 2012 R2 to Server 2019	cp035803.exe	-	10.1.17861.8101	10.1.17861.8101	

6.2.4 Driver – Network

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
25	HPE Broadcom NetXtreme-E Driver for VMware vSphere 6.0	cp035284.zip	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	2018.09.00	212.0.93.0-10EM.600.0.0.2768847	新規追加
26	HPE Broadcom NetXtreme-E Driver for VMware vSphere 6.0	cp035284.zip	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	2018.09.00	212.0.93.0-10EM.600.0.0.2768847	新規追加
27	HPE Broadcom NetXtreme-E Driver for Windows Server 2012 R2	cp035576.exe	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	214.0.177.0	214.0.177.0	新規追加
28	HPE Broadcom NetXtreme-E Driver for Windows Server 2012 R2	cp035576.exe	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	214.0.177.0	214.0.177.0	新規追加
29	HPE Broadcom NetXtreme-E Driver for Windows Server 2016	cp035577.exe	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	214.0.177.0	214.0.177.0	新規追加
30	HPE Broadcom NetXtreme-E Driver for Windows Server 2016	cp035577.exe	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	214.0.177.0	214.0.177.0	新規追加
31	HPE Broadcom NetXtreme-E Driver for Windows Server 2019	cp037790.exe	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	214.0.177.0	214.0.177.0	新規追加
32	HPE Broadcom NetXtreme-E Driver for Windows Server 2019	cp037790.exe	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	214.0.177.0	214.0.177.0	新規追加
33	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 6	kmod-bnxt_en-1.9.2-214.0.182.0.rhel6u10.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	1.9.2-214.0.182.0	1.9.2-214.0.182.0.rhel6u10	新規追加
34	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 6	kmod-bnxt_en-1.9.2-214.0.182.0.rhel6u10.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	1.9.2-214.0.182.0	1.9.2-214.0.182.0.rhel6u10	新規追加
35	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 6	kmod-bnxt_en-1.9.2-214.0.182.0.rhel6u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	1.9.2-214.0.182.0	1.9.2-214.0.182.0.rhel6u9	新規追加
36	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 6	kmod-bnxt_en-1.9.2-214.0.182.0.rhel6u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	1.9.2-214.0.182.0	1.9.2-214.0.182.0.rhel6u9	新規追加

37	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.9.2-214.0.182.0.rhel7u5.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	1.9.2-214.0.182.0	1.9.2-214.0.182.0.rhel7u5	新規追加
38	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.9.2-214.0.182.0.rhel7u5.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	1.9.2-214.0.182.0	1.9.2-214.0.182.0.rhel7u5	新規追加
39	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.9.2-214.0.182.0.rhel7u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	1.9.2-214.0.182.0	1.9.2-214.0.182.0.rhel7u6	新規追加
40	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.9.2-214.0.182.0.rhel7u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	1.9.2-214.0.182.0	1.9.2-214.0.182.0.rhel7u6	新規追加
41	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.5	cp035285.zip	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	2018.09.00	212.0.93.0-10EM.650.0.0.4598673	新規追加
42	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.5	cp035285.zip	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	2018.09.00	212.0.93.0-10EM.650.0.0.4598673	新規追加
43	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.7	cp035286.zip	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	2018.11.13	212.0.119.0-1OEM.670.0.0.8169922	新規追加
44	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.7	cp035286.zip	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	2018.11.13	212.0.119.0-1OEM.670.0.0.8169922	新規追加
45	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 6 Update 10	libbnxtre-214.0.181.0-rhel6u10.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	214.0.181.0	214.0.181.0	新規追加
46	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 6 Update 10	libbnxtre-214.0.181.0-rhel6u10.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	214.0.181.0	214.0.181.0	新規追加
47	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 6 Update 9	libbnxtre-214.0.181.0-rhel6u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	214.0.181.0	214.0.181.0	新規追加
48	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 6 Update 9	libbnxtre-214.0.181.0-rhel6u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	214.0.181.0	214.0.181.0	新規追加
49	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 5	libbnxt_re-214.0.181.0-rhel7u5.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	214.0.181.0	214.0.181.0	新規追加
50	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 5	libbnxt_re-214.0.181.0-rhel7u5.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	214.0.181.0	214.0.181.0	新規追加
51	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 6	libbnxt_re-214.0.181.0-rhel7u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	214.0.181.0	214.0.181.0	新規追加
52	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 6	libbnxt_re-214.0.181.0-rhel7u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	214.0.181.0	214.0.181.0	新規追加

53	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp036186.exe	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	214.0.0.0 (B)	214.0.0.0 (B)	
54	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp036186.exe	HP Ethernet 1Gb 2-port 332T Adapter	214.0.0.0 (B)	214.0.0.0 (B)	
55	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp036186.exe	HP Ethernet 1Gb 4-port 331FLR Adapter	214.0.0.0 (B)	214.0.0.0 (B)	
56	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp036186.exe	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	214.0.0.0 (B)	214.0.0.0 (B)	
57	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp036186.exe	HP Ethernet 1Gb 4-port 331T Adapter	214.0.0.0 (B)	214.0.0.0 (B)	
58	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-tg3-3.137y-1.rhel 6u10.x86_64.rpm	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	3.137y-1	3.137y-1.rhel 6u10	
59	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-tg3-3.137y-1.rhel 6u10.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	3.137y-1	3.137y-1.rhel 6u10	
60	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-tg3-3.137y-1.rhel 6u10.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	3.137y-1	3.137y-1.rhel 6u10	
61	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-tg3-3.137y-1.rhel 6u10.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	3.137y-1	3.137y-1.rhel 6u10	
62	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-tg3-3.137y-1.rhel 6u10.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	3.137y-1	3.137y-1.rhel 6u10	
63	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-tg3-3.137y-1.rhel 6u9.x86_64.rpm	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	3.137y-1	3.137y-1.rhel 6u9	
64	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-tg3-3.137y-1.rhel 6u9.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	3.137y-1	3.137y-1.rhel 6u9	
65	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-tg3-3.137y-1.rhel 6u9.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	3.137y-1	3.137y-1.rhel 6u9	
66	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-tg3-3.137y-1.rhel 6u9.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	3.137y-1	3.137y-1.rhel 6u9	
67	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-tg3-3.137y-1.rhel 6u9.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	3.137y-1	3.137y-1.rhel 6u9	
68	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.137y-1.rhel 7u5.x86_64.rpm	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	3.137y-1	3.137y-1.rhel 7u5	
69	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.137y-1.rhel 7u5.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	3.137y-1	3.137y-1.rhel 7u5	
70	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.137y-1.rhel 7u5.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	3.137y-1	3.137y-1.rhel 7u5	
71	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.137y-1.rhel 7u5.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	3.137y-1	3.137y-1.rhel 7u5	
72	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.137y-1.rhel 7u5.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	3.137y-1	3.137y-1.rhel 7u5	
73	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.137y-1.rhel 7u6.x86_64.rpm	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	3.137y-1	3.137y-1.rhel 7u6	
74	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.137y-1.rhel 7u6.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	3.137y-1	3.137y-1.rhel 7u6	

75	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.137y-1.rhel7u6.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	3.137y-1	3.137y-1.rhel7u6	
76	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.137y-1.rhel7u6.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	3.137y-1	3.137y-1.rhel7u6	
77	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.137y-1.rhel7u6.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	3.137y-1	3.137y-1.rhel7u6	
78	HPE Broadcom tg3 Ethernet Drivers for VMware vSphere 6.0	cp035307.zip	HP Ethernet 1Gb 2-port 332T Adapter	2018.09.00	3.137l.v60.1-1 OEM.600.0.0.2494585	
79	HPE Broadcom tg3 Ethernet Drivers for VMware vSphere 6.0	cp035307.zip	HP Ethernet 1Gb 4-port 331T Adapter	2018.09.00	3.137l.v60.1-1 OEM.600.0.0.2494585	
80	HPE Broadcom tg3 Ethernet Drivers for VMware vSphere 6.0	cp035307.zip	HP Ethernet 1Gb 4-port 331FLR Adapter	2018.09.00	3.137l.v60.1-1 OEM.600.0.0.2494585	
81	HPE Broadcom tg3 Ethernet Drivers for VMware vSphere 6.0	cp035307.zip	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	2018.09.00	3.137l.v60.1-1 OEM.600.0.0.2494585	
82	HPE Broadcom tg3 Ethernet Drivers for VMware vSphere 6.0	cp035307.zip	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	2018.09.00	3.137l.v60.1-1 OEM.600.0.0.2494585	
83	HPE Intel E1R Driver for Windows Server 2012 R2	cp037767.exe	HP Ethernet 1Gb 2-port 361T Adapter	12.14.8.0 (B)	12.14.8.0 (B)	
84	HPE Intel E1R Driver for Windows Server 2012 R2	cp037767.exe	HP Ethernet 1Gb 4-port 366FLR Adapter	12.14.8.0 (B)	12.14.8.0 (B)	
85	HPE Intel E1R Driver for Windows Server 2012 R2	cp037767.exe	HP Ethernet 1Gb 4-port 366T Adapter	12.14.8.0 (B)	12.14.8.0 (B)	
86	HPE Intel E1R Driver for Windows Server 2016	cp037389.exe	HP Ethernet 1Gb 2-port 361T Adapter	12.15.184.0 (C)	12.15.184.0 (C)	
87	HPE Intel E1R Driver for Windows Server 2016	cp037389.exe	HP Ethernet 1Gb 4-port 366FLR Adapter	12.15.184.0 (C)	12.15.184.0 (C)	
88	HPE Intel E1R Driver for Windows Server 2016	cp037389.exe	HP Ethernet 1Gb 4-port 366T Adapter	12.15.184.0 (C)	12.15.184.0 (C)	
89	HPE Intel E1R Driver for Windows Server 2019	cp037757.exe	HP Ethernet 1Gb 2-port 361T Adapter	12.15.184.1	12.15.184.1	
90	HPE Intel E1R Driver for Windows Server 2019	cp037757.exe	HP Ethernet 1Gb 4-port 366FLR Adapter	12.15.184.1	12.15.184.1	
91	HPE Intel E1R Driver for Windows Server 2019	cp037757.exe	HP Ethernet 1Gb 4-port 366T Adapter	12.15.184.1	12.15.184.1	
92	HPE Intel i40e Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-i40e-2.7.12-1.rhel6u10.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	2.7.12-1	2.7.12-1.rhel6u10	
93	HPE Intel i40e Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-i40e-2.7.12-1.rhel6u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2.7.12-1	2.7.12-1.rhel6u10	
94	HPE Intel i40e Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-i40e-2.7.12-1.rhel6u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2.7.12-1	2.7.12-1.rhel6u10	
95	HPE Intel i40e Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-i40e-2.7.12-1.rhel6u9.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	2.7.12-1	2.7.12-1.rhel6u9	

96	HPE Intel i40e Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-i40e-2.7.12-1.rhel6u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2.7.12-1	2.7.12-1.rhel6u9	
97	HPE Intel i40e Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-i40e-2.7.12-1.rhel6u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2.7.12-1	2.7.12-1.rhel6u9	
98	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.7.12-1.rhel7u5.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	2.7.12-1	2.7.12-1.rhel7u5	
99	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.7.12-1.rhel7u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2.7.12-1	2.7.12-1.rhel7u5	
100	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.7.12-1.rhel7u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2.7.12-1	2.7.12-1.rhel7u5	
101	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.7.12-1.rhel7u6.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	2.7.12-1	2.7.12-1.rhel7u6	
102	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.7.12-1.rhel7u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2.7.12-1	2.7.12-1.rhel7u6	
103	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.7.12-1.rhel7u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2.7.12-1	2.7.12-1.rhel7u6	
104	HPE Intel i40ea Driver for Windows Server 2012 R2	cp036337.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.9.221.0	1.9.221.0	
105	HPE Intel i40ea Driver for Windows Server 2012 R2	cp036337.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.9.221.0	1.9.221.0	
106	HPE Intel i40ea Driver for Windows Server 2016	cp036338.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.9.221.0	1.9.221.0	
107	HPE Intel i40ea Driver for Windows Server 2016	cp036338.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.9.221.0	1.9.221.0	
108	HPE Intel i40ea Driver for Windows Server 2019	cp037752.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.9.230.0	1.9.230.0	
109	HPE Intel i40ea Driver for Windows Server 2019	cp037752.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.9.230.0	1.9.230.0	
110	HPE Intel i40eb Driver for Windows Server 2012 R2	cp036339.exe	HPE Ethernet 1Gb 4-port 369i Adapter	1.9.221.0	1.9.221.0	
111	HPE Intel i40eb Driver for Windows Server 2016	cp036340.exe	HPE Ethernet 1Gb 4-port 369i Adapter	1.9.221.0	1.9.221.0	
112	HPE Intel i40eb Driver for Windows Server 2019	cp037753.exe	HPE Ethernet 1Gb 4-port 369i Adapter	1.9.230.0	1.9.230.0	
113	HPE Intel i40en Driver for VMware vSphere 6.0	cp037484.zip	HPE Ethernet 1Gb 4-port 369i Adapter	2019.03.11	1.7.11-10EM.600.0.0.2768847	
114	HPE Intel i40en Driver for VMware vSphere 6.0	cp037484.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2019.03.11	1.7.11-10EM.600.0.0.2768847	

115	HPE Intel i40en Driver for VMware vSphere 6.0	cp037484.zip	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2019.03.11	1.7.11-10EM.600.0.0.2768847	
116	HPE Intel i40en Driver for VMware vSphere 6.5	cp036872.zip	HPE Ethernet 1Gb 4-port 369i Adapter	2019.03.11	1.7.11-10EM.650.0.0.4598673	
117	HPE Intel i40en Driver for VMware vSphere 6.5	cp036872.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2019.03.11	1.7.11-10EM.650.0.0.4598673	
118	HPE Intel i40en Driver for VMware vSphere 6.5	cp036872.zip	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2019.03.11	1.7.11-10EM.650.0.0.4598673	
119	HPE Intel i40en Driver for VMware vSphere 6.7	cp036700.zip	HPE Ethernet 1Gb 4-port 369i Adapter	2019.03.11	1.7.11-10EM.670.0.0.8169922	
120	HPE Intel i40en Driver for VMware vSphere 6.7	cp036700.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2019.03.11	1.7.11-10EM.670.0.0.8169922	
121	HPE Intel i40en Driver for VMware vSphere 6.7	cp036700.zip	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2019.03.11	1.7.11-10EM.670.0.0.8169922	
122	HPE Intel i40evf Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-i40evf-3.6.15-1.rhel6u10.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	3.6.15-1	3.6.15-1.rhel6u10	
123	HPE Intel i40evf Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-i40evf-3.6.15-1.rhel6u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	3.6.15-1	3.6.15-1.rhel6u10	
124	HPE Intel i40evf Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-i40evf-3.6.15-1.rhel6u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	3.6.15-1	3.6.15-1.rhel6u10	
125	HPE Intel i40evf Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-i40evf-3.6.15-1.rhel6u9.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	3.6.15-1	3.6.15-1.rhel6u9	
126	HPE Intel i40evf Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-i40evf-3.6.15-1.rhel6u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	3.6.15-1	3.6.15-1.rhel6u9	
127	HPE Intel i40evf Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-i40evf-3.6.15-1.rhel6u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	3.6.15-1	3.6.15-1.rhel6u9	
128	HPE Intel i40evf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40evf-3.6.15-1.rhel7u5.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	3.6.15-1	3.6.15-1.rhel7u5	
129	HPE Intel i40evf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40evf-3.6.15-1.rhel7u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	3.6.15-1	3.6.15-1.rhel7u5	
130	HPE Intel i40evf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40evf-3.6.15-1.rhel7u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	3.6.15-1	3.6.15-1.rhel7u5	
131	HPE Intel i40evf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40evf-3.6.15-1.rhel7u6.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	3.6.15-1	3.6.15-1.rhel7u6	
132	HPE Intel i40evf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40evf-3.6.15-1.rhel7u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	3.6.15-1	3.6.15-1.rhel7u6	
133	HPE Intel i40evf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40evf-3.6.15-1.rhel7u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	3.6.15-1	3.6.15-1.rhel7u6	
134	HPE Intel igb Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-igb-5.3.5.22-1.rhel6u10.x86_64.rpm	HP Ethernet 1Gb 2-port 361T Adapter	5.3.5.22-1	5.3.5.22-1.rhel6u10	

135	HPE Intel igb Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-igb-5.3.5.22-1.rhel6u10.x86_64.rpm	HP Ethernet 1Gb 4-port 366FLR Adapter	5.3.5.22-1	5.3.5.22-1.rhel6u10	
136	HPE Intel igb Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-igb-5.3.5.22-1.rhel6u10.x86_64.rpm	HP Ethernet 1Gb 4-port 366T Adapter	5.3.5.22-1	5.3.5.22-1.rhel6u10	
137	HPE Intel igb Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-igb-5.3.5.22-1.rhel6u9.x86_64.rpm	HP Ethernet 1Gb 2-port 361T Adapter	5.3.5.22-1	5.3.5.22-1.rhel6u9	
138	HPE Intel igb Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-igb-5.3.5.22-1.rhel6u9.x86_64.rpm	HP Ethernet 1Gb 4-port 366FLR Adapter	5.3.5.22-1	5.3.5.22-1.rhel6u9	
139	HPE Intel igb Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-igb-5.3.5.22-1.rhel6u9.x86_64.rpm	HP Ethernet 1Gb 4-port 366T Adapter	5.3.5.22-1	5.3.5.22-1.rhel6u9	
140	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-5.3.5.22-1.rhel7u5.x86_64.rpm	HP Ethernet 1Gb 2-port 361T Adapter	5.3.5.22-1	5.3.5.22-1.rhel7u5	
141	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-5.3.5.22-1.rhel7u5.x86_64.rpm	HP Ethernet 1Gb 4-port 366FLR Adapter	5.3.5.22-1	5.3.5.22-1.rhel7u5	
142	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-5.3.5.22-1.rhel7u5.x86_64.rpm	HP Ethernet 1Gb 4-port 366T Adapter	5.3.5.22-1	5.3.5.22-1.rhel7u5	
143	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-5.3.5.22-1.rhel7u6.x86_64.rpm	HP Ethernet 1Gb 2-port 361T Adapter	5.3.5.22-1	5.3.5.22-1.rhel7u6	
144	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-5.3.5.22-1.rhel7u6.x86_64.rpm	HP Ethernet 1Gb 4-port 366FLR Adapter	5.3.5.22-1	5.3.5.22-1.rhel7u6	
145	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-5.3.5.22-1.rhel7u6.x86_64.rpm	HP Ethernet 1Gb 4-port 366T Adapter	5.3.5.22-1	5.3.5.22-1.rhel7u6	
146	HPE Intel igbn Driver for VMware vSphere 6.0	cp038023.zip	HP Ethernet 1Gb 2-port 361T Adapter	2019.03.11	1.4.7-1OEM.600.0.0.2768847	
147	HPE Intel igbn Driver for VMware vSphere 6.0	cp038023.zip	HP Ethernet 1Gb 4-port 366FLR Adapter	2019.03.11	1.4.7-1OEM.600.0.0.2768847	
148	HPE Intel igbn Driver for VMware vSphere 6.0	cp038023.zip	HP Ethernet 1Gb 4-port 366T Adapter	2019.03.11	1.4.7-1OEM.600.0.0.2768847	
149	HPE Intel igbn Driver for VMware vSphere 6.5	cp038024.zip	HP Ethernet 1Gb 2-port 361T Adapter	2019.03.11	1.4.7-1OEM.600.0.0.2768847	
150	HPE Intel igbn Driver for VMware vSphere 6.5	cp038024.zip	HP Ethernet 1Gb 4-port 366FLR Adapter	2019.03.11	1.4.7-1OEM.600.0.0.2768847	
151	HPE Intel igbn Driver for VMware vSphere 6.5	cp038024.zip	HP Ethernet 1Gb 4-port 366T Adapter	2019.03.11	1.4.7-1OEM.600.0.0.2768847	
152	HPE Intel igbn Driver for VMware vSphere 6.7	cp038025.zip	HP Ethernet 1Gb 2-port 361T Adapter	2019.03.11	1.4.7-1OEM.670.0.0.8169922	
153	HPE Intel igbn Driver for VMware vSphere 6.7	cp038025.zip	HP Ethernet 1Gb 4-port 366FLR Adapter	2019.03.11	1.4.7-1OEM.670.0.0.8169922	
154	HPE Intel igbn Driver for VMware vSphere 6.7	cp038025.zip	HP Ethernet 1Gb 4-port 366T Adapter	2019.03.11	1.4.7-1OEM.670.0.0.8169922	
155	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-ixgbe-5.5.2-1.rhel6u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.5.2-1	5.5.2-1.rhel6u10	
156	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-ixgbe-5.5.2-1.rhel6u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	5.5.2-1	5.5.2-1.rhel6u10	

157	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-ixgbe-5.5.2-1.rhel6u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.5.2-1	5.5.2-1.rhel6u9	
158	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-ixgbe-5.5.2-1.rhel6u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	5.5.2-1	5.5.2-1.rhel6u9	
159	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbe-5.5.2-1.rhel7u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.5.2-1	5.5.2-1.rhel7u5	
160	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbe-5.5.2-1.rhel7u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	5.5.2-1	5.5.2-1.rhel7u5	
161	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbe-5.5.2-1.rhel7u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.5.2-1	5.5.2-1.rhel7u6	
162	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbe-5.5.2-1.rhel7u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	5.5.2-1	5.5.2-1.rhel7u6	
163	HPE Intel ixgben Driver for VMware vSphere 6.0	cp037707.zip	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	2019.03.11	1.7.10-1OEM.600.0.0.2768847	
164	HPE Intel ixgben Driver for VMware vSphere 6.0	cp037707.zip	HPE Ethernet 10Gb 2-port 562T Adapter	2019.03.11	1.7.10-1OEM.600.0.0.2768847	
165	HPE Intel ixgben Driver for VMware vSphere 6.5	cp037708.zip	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	2019.03.11	1.7.10-1OEM.600.0.0.2768847	
166	HPE Intel ixgben Driver for VMware vSphere 6.5	cp037708.zip	HPE Ethernet 10Gb 2-port 562T Adapter	2019.03.11	1.7.10-1OEM.600.0.0.2768847	
167	HPE Intel ixgben Driver for VMware vSphere 6.7	cp037709.zip	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	2019.03.11	1.7.10-1OEM.670.0.0.8169922	
168	HPE Intel ixgben Driver for VMware vSphere 6.7	cp037709.zip	HPE Ethernet 10Gb 2-port 562T Adapter	2019.03.11	1.7.10-1OEM.670.0.0.8169922	
169	HPE Intel ixgbevf Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-ixgbevf-4.5.1-1.rhel6u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.5.1-1	4.5.1-1.rhel6u10	
170	HPE Intel ixgbevf Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-ixgbevf-4.5.1-1.rhel6u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	4.5.1-1	4.5.1-1.rhel6u10	
171	HPE Intel ixgbevf Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-ixgbevf-4.5.1-1.rhel6u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.5.1-1	4.5.1-1.rhel6u9	
172	HPE Intel ixgbevf Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-hp-ixgbevf-4.5.1-1.rhel6u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	4.5.1-1	4.5.1-1.rhel6u9	
173	HPE Intel ixgbevf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbevf-4.5.1-1.rhel7u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.5.1-1	4.5.1-1.rhel7u5	
174	HPE Intel ixgbevf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbevf-4.5.1-1.rhel7u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	4.5.1-1	4.5.1-1.rhel7u5	
175	HPE Intel ixgbevf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbevf-4.5.1-1.rhel7u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.5.1-1	4.5.1-1.rhel7u6	
176	HPE Intel ixgbevf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbevf-4.5.1-1.rhel7u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	4.5.1-1	4.5.1-1.rhel7u6	
177	HPE Intel ixs Driver for Windows Server 2012 R2	cp037943.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	3.14.132.0	3.14.132.0	
178	HPE Intel ixs Driver for Windows Server 2012 R2	cp037943.exe	HPE Ethernet 10Gb 2-port 562T Adapter	3.14.132.0	3.14.132.0	

179	HPE Intel ixs Driver for Windows Server 2016	cp037945.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.1.131.0	4.1.131.0	
180	HPE Intel ixs Driver for Windows Server 2016	cp037945.exe	HPE Ethernet 10Gb 2-port 562T Adapter	4.1.131.0	4.1.131.0	
181	HPE Intel ixs Driver for Windows Server 2019	cp037755.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.1.143.0	4.1.143.0	
182	HPE Intel ixs Driver for Windows Server 2019	cp037755.exe	HPE Ethernet 10Gb 2-port 562T Adapter	4.1.143.0	4.1.143.0	
183	HPE Intel v40e Driver for Windows Server 2012 R2	cp036342.exe	-	1.5.86.2	1.5.86.2	
184	HPE Intel v40e Driver for Windows Server 2016	cp036343.exe	-	1.5.86.2	1.5.86.2	
185	HPE Intel v40e Driver for Windows Server 2019	cp037756.exe	-	1.6.215.0	1.6.215.0	
186	HPE Intel vxn Driver for Windows Server 2012 R2	cp032568.exe	-	1.0.16.1	1.0.16.1	
187	HPE Intel vxn Driver for Windows Server 2016	cp037390.exe	-	2.0.210.0 (C)	2.0.210.0 (C)	
188	HPE Intel vxn Driver for Windows Server 2019	cp037758.exe	-	2.1.138.0	2.1.138.0	
189	HPE Intel vxs Driver for Windows Server 2012 R2	cp037942.exe	-	1.2.131.0	1.2.131.0	
190	HPE Intel vxs Driver for Windows Server 2016	cp037941.exe	-	2.1.133.0	2.1.133.0	
191	HPE Intel vxs Driver for Windows Server 2019	cp037944.exe	-	2.1.138.0	2.1.138.0	
192	HPE Mellanox CX4LX and CX5 Driver for Windows Server 2012 R2	cp036711.exe	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2.0.19824.0	2.0.19824.0	
193	HPE Mellanox CX4LX and CX5 Driver for Windows Server 2012 R2	cp036711.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2.0.19824.0	2.0.19824.0	
194	HPE Mellanox CX4LX and CX5 Driver for Windows Server 2012 R2	cp036711.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2.0.19824.0	2.0.19824.0	
195	HPE Mellanox CX4LX and CX5 Driver for Windows Server 2016	cp036712.exe	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2.0.19824.0	2.0.19824.0	
196	HPE Mellanox CX4LX and CX5 Driver for Windows Server 2016	cp036712.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2.0.19824.0	2.0.19824.0	
197	HPE Mellanox CX4LX and CX5 Driver for Windows Server 2016	cp036712.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2.0.19824.0	2.0.19824.0	
198	HPE Mellanox CX4LX and CX5 Driver for Windows Server 2019	cp037704.exe	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2.0.19824.0	2.0.19824.0	
199	HPE Mellanox CX4LX and CX5 Driver for Windows Server 2019	cp037704.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2.0.19824.0	2.0.19824.0	

200	HPE Mellanox CX4LX and CX5 Driver for Windows Server 2019	cp037704.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2.0.19824.0	2.0.19824.0	
201	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 6 Update 10 (x86_64)	kmod-mlnx-ofa_kernel-4.4-OFED.4.4.2.0.8.1.gee7aa0e.rhel6u10.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	4.4	4.4	
202	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 6 Update 10 (x86_64)	kmod-mlnx-ofa_kernel-4.4-OFED.4.4.2.0.8.1.gee7aa0e.rhel6u10.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	4.4	4.4	
203	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 6 Update 10 (x86_64)	kmod-mlnx-ofa_kernel-4.4-OFED.4.4.2.0.8.1.gee7aa0e.rhel6u10.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	4.4	4.4	
204	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 6 Update 10 (x86_64)	mlnx-ofa_kernel-4.4-OFED.4.4.2.0.8.1.gee7aa0e.1.rhel6u10.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	4.4	4.4	
205	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 6 Update 10 (x86_64)	mlnx-ofa_kernel-4.4-OFED.4.4.2.0.8.1.gee7aa0e.1.rhel6u10.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	4.4	4.4	
206	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 6 Update 10 (x86_64)	mlnx-ofa_kernel-4.4-OFED.4.4.2.0.8.1.gee7aa0e.1.rhel6u10.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	4.4	4.4	
207	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 6 Update 9 (x86_64)	kmod-mlnx-ofa_kernel-4.4-OFED.4.4.2.0.8.1.gee7aa0e.rhel6u9.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	4.4	4.4	
208	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 6 Update 9 (x86_64)	kmod-mlnx-ofa_kernel-4.4-OFED.4.4.2.0.8.1.gee7aa0e.rhel6u9.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	4.4	4.4	
209	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 6 Update 9 (x86_64)	kmod-mlnx-ofa_kernel-4.4-OFED.4.4.2.0.8.1.gee7aa0e.rhel6u9.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	4.4	4.4	
210	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 6 Update 9 (x86_64)	mlnx-ofa_kernel-4.4-OFED.4.4.2.0.8.1.gee7aa0e.1.rhel6u9.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	4.4	4.4	
211	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 6 Update 9 (x86_64)	mlnx-ofa_kernel-4.4-OFED.4.4.2.0.8.1.gee7aa0e.1.rhel6u9.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	4.4	4.4	
212	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 6 Update 9 (x86_64)	mlnx-ofa_kernel-4.4-OFED.4.4.2.0.8.1.gee7aa0e.1.rhel6u9.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	4.4	4.4	
213	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 5 (x86_64)	kmod-mlnx-ofa_kernel-4.4-OFED.4.4.2.0.8.1.gee7aa0e.rhel7u5.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	4.4	4.4	
214	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 5 (x86_64)	kmod-mlnx-ofa_kernel-4.4-OFED.4.4.2.0.8.1.gee7aa0e.rhel7u5.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	4.4	4.4	

215	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 5 (x86_64)	kmod-mlx-ofa_kernel-4.4-OFED.4.4.2.0.8.1.gee7aa0e.rhel7u5.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	4.4	4.4	
216	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 5 (x86_64)	mlx-ofa_kernel-4.4-OFED.4.4.2.0.8.1.gee7aa0e.rhel7u5.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	4.4	4.4	
217	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 5 (x86_64)	mlx-ofa_kernel-4.4-OFED.4.4.2.0.8.1.gee7aa0e.rhel7u5.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	4.4	4.4	
218	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 5 (x86_64)	mlx-ofa_kernel-4.4-OFED.4.4.2.0.8.1.gee7aa0e.rhel7u5.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	4.4	4.4	
219	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 6 (x86_64)	kmod-mlx-ofa_kernel-4.5-OFED.4.5.1.0.1.1.gb4dfac.rhel7u6.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	4.5	4.5	
220	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 6 (x86_64)	kmod-mlx-ofa_kernel-4.5-OFED.4.5.1.0.1.1.gb4dfac.rhel7u6.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	4.5	4.5	
221	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 6 (x86_64)	kmod-mlx-ofa_kernel-4.5-OFED.4.5.1.0.1.1.gb4dfac.rhel7u6.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	4.5	4.5	
222	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 6 (x86_64)	mlx-ofa_kernel-4.5-OFED.4.5.1.0.1.1.gb4dfac.rhel7u6.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	4.5	4.5	
223	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 6 (x86_64)	mlx-ofa_kernel-4.5-OFED.4.5.1.0.1.1.gb4dfac.rhel7u6.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	4.5	4.5	
224	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 6 (x86_64)	mlx-ofa_kernel-4.5-OFED.4.5.1.0.1.1.gb4dfac.rhel7u6.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	4.5	4.5	
225	HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-qlgc-fastlinq-8.37.31.0-2.rhel6u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 521T Adapter	8.37.31.0-2	8.37.31.0-2.rhel6u10	
226	HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-qlgc-fastlinq-8.37.31.0-2.rhel6u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 521T Adapter	8.37.31.0-2	8.37.31.0-2.rhel6u9	
227	HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-qlgc-fastlinq-8.37.31.0-2.rhel7u5.x86_64.rpm	HPE Ethernet 10Gb 2-port 521T Adapter	8.37.31.0-2	8.37.31.0-2.rhel7u5	
228	HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-qlgc-fastlinq-8.37.31.0-2.rhel7u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 521T Adapter	8.37.31.0-2	8.37.31.0-2.rhel7u6	
229	HPE QLogic FastLinQ 10/25/50 GbE Drivers for Windows Server x64 Editions	cp035071.exe	HPE Ethernet 10Gb 2-port 521T Adapter	8.37.37.0	8.37.37.0	
230	HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 6.0	cp035084.zip	HPE Ethernet 10Gb 2-port 521T Adapter	2019.03.11	3.10.23.1-10EM.600.0.0.2768847	
231	HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 6.5	cp035085.zip	HPE Ethernet 10Gb 2-port 521T Adapter	2019.03.11	3.10.23.1-10EM.650.0.0.4598673	

232	HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 6.7	cp036789.zip	HPE Ethernet 10Gb 2-port 521T Adapter	2019.03.11	3.10.23.1-10E M.670.0.0.81 69922	
233	HPE QLogic FastLinQ RoCE Library for Red Hat Enterprise Linux 6 Update 10	qlgc-libqedr-8.37.0.0-1.rhel6u10.x86_64.rpm	HPE Ethernet 10Gb 2-port 521T Adapter	8.37.0.0-1	8.37.0.0-1.rhe l6u10	
234	HPE QLogic FastLinQ RoCE Library for Red Hat Enterprise Linux 6 Update 9	qlgc-libqedr-8.37.0.0-1.rhel6u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 521T Adapter	8.37.0.0-1	8.37.0.0-1.rhe l6u9	
235	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.0	cp036344.zip	HP Ethernet 10Gb 2-port 530SFP+ Adapter	2019.03.11	2.713.70.v60. 6-10EM.600.0 .0.2494585	
236	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.0	cp036344.zip	HP Ethernet 10Gb 2-port 530T Adapter	2019.03.11	2.713.70.v60. 6-10EM.600.0 .0.2494585	
237	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.0	cp036344.zip	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	2019.03.11	2.713.70.v60. 6-10EM.600.0 .0.2494585	
238	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.5	cp036345.zip	HP Ethernet 10Gb 2-port 530SFP+ Adapter	2019.03.11	1.0.77.2-10E M.650.0.0.45 98673	
239	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.5	cp036345.zip	HP Ethernet 10Gb 2-port 530T Adapter	2019.03.11	1.0.77.2-10E M.650.0.0.45 98673	
240	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.5	cp036345.zip	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	2019.03.11	1.0.77.2-10E M.650.0.0.45 98673	
241	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.7	cp036346.zip	HP Ethernet 10Gb 2-port 530SFP+ Adapter	2019.03.11	1.0.77.2-10E M.670.0.0.81 69922	
242	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.7	cp036346.zip	HP Ethernet 10Gb 2-port 530T Adapter	2019.03.11	1.0.77.2-10E M.670.0.0.81 69922	
243	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.7	cp036346.zip	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	2019.03.11	1.0.77.2-10E M.670.0.0.81 69922	
244	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-netxtreme2-7.14.54-1.rhel6u10.x86_64.rpm	HP Ethernet 10Gb 2-port 530SFP+ Adapter	7.14.54-1	7.14.54-1.rhel 6u10	
245	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-netxtreme2-7.14.54-1.rhel6u10.x86_64.rpm	HP Ethernet 10Gb 2-port 530T Adapter	7.14.54-1	7.14.54-1.rhel 6u10	
246	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-netxtreme2-7.14.54-1.rhel6u10.x86_64.rpm	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.14.54-1	7.14.54-1.rhel 6u10	
247	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-netxtreme2-7.14.54-1.rhel6u9.x86_64.rpm	HP Ethernet 10Gb 2-port 530SFP+ Adapter	7.14.54-1	7.14.54-1.rhel 6u9	
248	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-netxtreme2-7.14.54-1.rhel6u9.x86_64.rpm	HP Ethernet 10Gb 2-port 530T Adapter	7.14.54-1	7.14.54-1.rhel 6u9	
249	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 6 x86_64	kmod-netxtreme2-7.14.54-1.rhel6u9.x86_64.rpm	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.14.54-1	7.14.54-1.rhel 6u9	
250	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.14.54-1.rhel7u5.x86_64.rpm	HP Ethernet 10Gb 2-port 530SFP+ Adapter	7.14.54-1	7.14.54-1.rhel 7u5	
251	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.14.54-1.rhel7u5.x86_64.rpm	HP Ethernet 10Gb 2-port 530T Adapter	7.14.54-1	7.14.54-1.rhel 7u5	
252	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.14.54-1.rhel7u5.x86_64.rpm	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.14.54-1	7.14.54-1.rhel 7u5	
253	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.14.54-1.rhel7u6.x86_64.rpm	HP Ethernet 10Gb 2-port 530SFP+ Adapter	7.14.54-1	7.14.54-1.rhel 7u6	

254	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.14.54-1.rhel7u6.x86_64.rpm	HP Ethernet 10Gb 2-port 530T Adapter	7.14.54-1	7.14.54-1.rhel7u6	
255	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.14.54-1.rhel7u6.x86_64.rpm	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.14.54-1	7.14.54-1.rhel7u6	
256	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp036669.exe	HP Ethernet 10Gb 2-port 530SFP+ Adapter	7.13.161.0	7.13.161.0	
257	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp036669.exe	HP Ethernet 10Gb 2-port 530T Adapter	7.13.161.0	7.13.161.0	
258	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp036669.exe	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.13.161.0	7.13.161.0	
259	net-mst kernel module driver component for VMware 6.0	cp036991.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2018.07.06	4.10.0.302-10EM.600.0.0.2768847	
260	net-mst kernel module driver component for VMware 6.0	cp036991.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2018.07.06	4.10.0.302-10EM.600.0.0.2768847	
261	net-mst kernel module driver component for VMware 6.0	cp036991.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2018.07.06	4.10.0.302-10EM.600.0.0.2768847	
262	net-mst kernel module driver component for VMware ESXi 6.5 and 6.7	cp036992.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2018.07.06	4.10.0.302-10EM.650.0.0.4598673	
263	net-mst kernel module driver component for VMware ESXi 6.5 and 6.7	cp036992.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2018.07.06	4.10.0.302-10EM.650.0.0.4598673	
264	net-mst kernel module driver component for VMware ESXi 6.5 and 6.7	cp036992.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2018.07.06	4.10.0.302-10EM.650.0.0.4598673	
265	nmlx5_en driver component for VMware ESXi 6.0	cp038033.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2018.10.30	4.15.13.2-10EM.600.0.0.2768847	
266	nmlx5_en driver component for VMware ESXi 6.0	cp038033.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2018.10.30	4.15.13.2-10EM.600.0.0.2768847	
267	nmlx5_en driver component for VMware ESXi 6.0	cp038033.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2018.10.30	4.15.13.2-10EM.600.0.0.2768847	
268	nmlx5_en driver component for VMware ESXi 6.5	cp036946.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2018.07.06	4.16.13.5-10EM.650.0.0.4598673	
269	nmlx5_en driver component for VMware ESXi 6.5	cp036946.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2018.07.06	4.16.13.5-10EM.650.0.0.4598673	
270	nmlx5_en driver component for VMware ESXi 6.5	cp036946.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2018.07.06	4.16.13.5-10EM.650.0.0.4598673	

			Adapter			
271	nmlx5_en driver component for VMware ESXi 6.7	cp035113.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2018.06.07	4.17.13.8-10E M.670.0.0.81 69922	
272	nmlx5_en driver component for VMware ESXi 6.7	cp035113.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2018.06.07	4.17.13.8-10E M.670.0.0.81 69922	
273	nmlx5_en driver component for VMware ESXi 6.7	cp035113.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2018.06.07	4.17.13.8-10E M.670.0.0.81 69922	

6.2.5 Driver – Storage

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
274	HPE Smart Array S100i SR Gen10 SW RAID Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019	cp036435.exe	-	106.12.4.0	106.12.4.0	

6.2.6 Driver – Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
275	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 6 (64-bit)	kmod-smartpqi-1.2.4-065.rhel6u10.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel6u10	
276	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 6 (64-bit)	kmod-smartpqi-1.2.4-065.rhel6u10.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel6u10	
277	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 6 (64-bit)	kmod-smartpqi-1.2.4-065.rhel6u10.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel6u10	
278	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 6 (64-bit)	kmod-smartpqi-1.2.4-065.rhel6u10.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel6u10	
279	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 6 (64-bit)	kmod-smartpqi-1.2.4-065.rhel6u10.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel6u10	
280	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 6 (64-bit)	kmod-smartpqi-1.2.4-065.rhel6u10.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel6u10	
281	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 6 (64-bit)	kmod-smartpqi-1.2.4-065.rhel6u9.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel6u9	
282	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 6 (64-bit)	kmod-smartpqi-1.2.4-065.rhel6u9.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel6u9	
283	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 6 (64-bit)	kmod-smartpqi-1.2.4-065.rhel6u9.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel6u9	

284	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 6 (64-bit)	kmod-smartpqi-1.2.4-065.rhel6u9.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel6u9	
285	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 6 (64-bit)	kmod-smartpqi-1.2.4-065.rhel6u9.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel6u9	
286	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 6 (64-bit)	kmod-smartpqi-1.2.4-065.rhel6u9.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel6u9	
287	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.4-065.rhel7u5.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel7u5	
288	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.4-065.rhel7u5.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel7u5	
289	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.4-065.rhel7u5.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel7u5	
290	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.4-065.rhel7u5.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel7u5	
291	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.4-065.rhel7u5.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel7u5	
292	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.4-065.rhel7u5.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel7u5	
293	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.4-065.rhel7u6.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel7u6	
294	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.4-065.rhel7u6.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel7u6	
295	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.4-065.rhel7u6.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel7u6	
296	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.4-065.rhel7u6.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel7u6	
297	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.4-065.rhel7u6.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel7u6	
298	HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-1.2.4-065.rhel7u6.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	1.2.4-065	1.2.4-065.rhel7u6	
299	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.0 (Driver Component).	cp037193.zip	HPE Smart Array P408i-a SR Gen10 Controller	2019.03.12	1.0.3.2035-10 EM.600.0.0.2 768847	

300	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.0 (Driver Component).	cp037193.zip	HPE Smart Array P408i-p SR Gen10 Controller	2019.03.12	1.0.3.2035-10 EM.600.0.0.2 768847	
301	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.0 (Driver Component).	cp037193.zip	HPE Smart Array P816i-a SR Gen10 Controller	2019.03.12	1.0.3.2035-10 EM.600.0.0.2 768847	
302	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.0 (Driver Component).	cp037193.zip	HPE Smart Array E208e-p SR Gen10 Controller	2019.03.12	1.0.3.2035-10 EM.600.0.0.2 768847	
303	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.0 (Driver Component).	cp037193.zip	HPE Smart Array E208i-a SR Gen10 Controller	2019.03.12	1.0.3.2035-10 EM.600.0.0.2 768847	
304	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.0 (Driver Component).	cp037193.zip	HPE Smart Array E208i-p SR Gen10 Controller	2019.03.12	1.0.3.2035-10 EM.600.0.0.2 768847	
305	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component).	cp037194.zip	HPE Smart Array P408i-a SR Gen10 Controller	2019.03.12	1.0.3.2035-10 EM.650.0.0.4 598673	
306	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component).	cp037194.zip	HPE Smart Array P408i-p SR Gen10 Controller	2019.03.12	1.0.3.2035-10 EM.650.0.0.4 598673	
307	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component).	cp037194.zip	HPE Smart Array P816i-a SR Gen10 Controller	2019.03.12	1.0.3.2035-10 EM.650.0.0.4 598673	
308	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component).	cp037194.zip	HPE Smart Array E208e-p SR Gen10 Controller	2019.03.12	1.0.3.2035-10 EM.650.0.0.4 598673	
309	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component).	cp037194.zip	HPE Smart Array E208i-a SR Gen10 Controller	2019.03.12	1.0.3.2035-10 EM.650.0.0.4 598673	
310	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component).	cp037194.zip	HPE Smart Array E208i-p SR Gen10 Controller	2019.03.12	1.0.3.2035-10 EM.650.0.0.4 598673	
311	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.7 (Driver Component).	cp037195.zip	HPE Smart Array P408i-a SR Gen10 Controller	2019.03.12	1.0.3.2035-10 EM.670.0.0.8 169922	
312	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.7 (Driver Component).	cp037195.zip	HPE Smart Array P408i-p SR Gen10 Controller	2019.03.12	1.0.3.2035-10 EM.670.0.0.8 169922	
313	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.7 (Driver Component).	cp037195.zip	HPE Smart Array P816i-a SR Gen10 Controller	2019.03.12	1.0.3.2035-10 EM.670.0.0.8 169922	
314	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.7 (Driver Component).	cp037195.zip	HPE Smart Array E208e-p SR Gen10 Controller	2019.03.12	1.0.3.2035-10 EM.670.0.0.8 169922	
315	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.7 (Driver Component).	cp037195.zip	HPE Smart Array E208i-a SR Gen10 Controller	2019.03.12	1.0.3.2035-10 EM.670.0.0.8 169922	

316	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.7 (Driver Component).	cp037195.zip	HPE Smart Array E208i-p SR Gen10 Controller	2019.03.12	1.0.3.2035-10 EM.670.0.0.8 169922	
317	HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019	cp037197.exe	HPE Smart Array P408i-a SR Gen10 Controller	106.84.2.64	106.84.2.64	
318	HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019	cp037197.exe	HPE Smart Array P408i-p SR Gen10 Controller	106.84.2.64	106.84.2.64	
319	HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019	cp037197.exe	HPE Smart Array P816i-a SR Gen10 Controller	106.84.2.64	106.84.2.64	
320	HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019	cp037197.exe	HPE Smart Array E208e-p SR Gen10 Controller	106.84.2.64	106.84.2.64	
321	HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019	cp037197.exe	HPE Smart Array E208i-a SR Gen10 Controller	106.84.2.64	106.84.2.64	
322	HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019	cp037197.exe	HPE Smart Array E208i-p SR Gen10 Controller	106.84.2.64	106.84.2.64	

6.2.7 Driver - Storage Fibre Channel and Fibre Channel over Ethernet

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
323	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2012, Windows 2012R2 and Windows 2016	cp035756.exe	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.0.318.0	12.0.318.0	
324	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2012, Windows 2012R2 and Windows 2016	cp035756.exe	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.0.318.0	12.0.318.0	
325	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2012, Windows 2012R2 and Windows 2016	cp035756.exe	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.0.318.0	12.0.318.0	
326	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2012, Windows 2012R2 and Windows 2016	cp035756.exe	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.0.318.0	12.0.318.0	
327	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2019	cp037437.exe	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.0.318.0	12.0.318.0	

328	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2019	cp037437.exe	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.0.318.0	12.0.318.0	
329	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2019	cp037437.exe	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.0.318.0	12.0.318.0	
330	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2019	cp037437.exe	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.0.318.0	12.0.318.0	
331	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2012 and 2012 R2	cp035775.exe	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	9.2.9.22	9.2.9.22	
332	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2012 and 2012 R2	cp035775.exe	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	9.2.9.22	9.2.9.22	
333	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2012 and 2012 R2	cp035775.exe	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	9.2.9.22	9.2.9.22	
334	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2012 and 2012 R2	cp035775.exe	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	9.2.9.22	9.2.9.22	
335	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2016	cp035776.exe	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	9.2.9.22	9.2.9.22	
336	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2016	cp035776.exe	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	9.2.9.22	9.2.9.22	
337	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2016	cp035776.exe	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	9.2.9.22	9.2.9.22	
338	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2016	cp035776.exe	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	9.2.9.22	9.2.9.22	
339	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2019	cp037397.exe	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	9.2.9.22	9.2.9.22	
340	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2019	cp037397.exe	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	9.2.9.22	9.2.9.22	

341	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2019	cp037397.exe	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	9.2.9.22	9.2.9.22	
342	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2019	cp037397.exe	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	9.2.9.22	9.2.9.22	
343	Red Hat Enterprise Linux 6 Server (x86-64) FC Driver Kit for HPE Qlogic and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-8.08.00.08.06.0_k10-1.rhel6u10.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	8.08.00.08.06.0-k10	8.08.00.08.06.0_k10-1.rhel6u10	
344	Red Hat Enterprise Linux 6 Server (x86-64) FC Driver Kit for HPE Qlogic and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-8.08.00.08.06.0_k10-1.rhel6u10.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	8.08.00.08.06.0-k10	8.08.00.08.06.0_k10-1.rhel6u10	
345	Red Hat Enterprise Linux 6 Server (x86-64) FC Driver Kit for HPE Qlogic and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-8.08.00.08.06.0_k10-1.rhel6u10.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	8.08.00.08.06.0-k10	8.08.00.08.06.0_k10-1.rhel6u10	
346	Red Hat Enterprise Linux 6 Server (x86-64) FC Driver Kit for HPE Qlogic and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-8.08.00.08.06.0_k10-1.rhel6u10.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	8.08.00.08.06.0-k10	8.08.00.08.06.0_k10-1.rhel6u10	
347	Red Hat Enterprise Linux 6 Server (x86-64) FC Driver Kit for HPE Qlogic and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-8.08.00.08.06.0_k10-1.rhel6u9.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	8.08.00.08.06.0-k10	8.08.00.08.06.0_k10-1.rhel6u9	
348	Red Hat Enterprise Linux 6 Server (x86-64) FC Driver Kit for HPE Qlogic and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-8.08.00.08.06.0_k10-1.rhel6u9.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	8.08.00.08.06.0-k10	8.08.00.08.06.0_k10-1.rhel6u9	
349	Red Hat Enterprise Linux 6 Server (x86-64) FC Driver Kit for HPE Qlogic and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-8.08.00.08.06.0_k10-1.rhel6u9.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	8.08.00.08.06.0-k10	8.08.00.08.06.0_k10-1.rhel6u9	
350	Red Hat Enterprise Linux 6 Server (x86-64) FC Driver Kit for HPE Qlogic and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-8.08.00.08.06.0_k10-1.rhel6u9.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	8.08.00.08.06.0-k10	8.08.00.08.06.0_k10-1.rhel6u9	
351	Red Hat Enterprise Linux 6 Server (x86-64) Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.0.346.15-1.rhel6u10.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.0.346.15	12.0.346.15-1.rhel6u10	
352	Red Hat Enterprise Linux 6 Server (x86-64) Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.0.346.15-1.rhel6u10.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.0.346.15	12.0.346.15-1.rhel6u10	
353	Red Hat Enterprise Linux 6 Server (x86-64) Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.0.346.15-1.rhel6u10.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.0.346.15	12.0.346.15-1.rhel6u10	

354	Red Hat Enterprise Linux 6 Server (x86-64) Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.0.346.15-1.rhel6u10.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.0.346.15	12.0.346.15-1.rhel6u10	
355	Red Hat Enterprise Linux 6 Server (x86-64) Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.0.346.15-1.rhel6u9.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.0.346.15	12.0.346.15-1.rhel6u9	
356	Red Hat Enterprise Linux 6 Server (x86-64) Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.0.346.15-1.rhel6u9.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.0.346.15	12.0.346.15-1.rhel6u9	
357	Red Hat Enterprise Linux 6 Server (x86-64) Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.0.346.15-1.rhel6u9.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.0.346.15	12.0.346.15-1.rhel6u9	
358	Red Hat Enterprise Linux 6 Server (x86-64) Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.0.346.15-1.rhel6u9.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.0.346.15	12.0.346.15-1.rhel6u9	
359	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.0.1.00.33.07.6_k2-1.rhel7u6.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	10.01.00.33.07.6-k2	10.01.00.33.07.6_k2-1.rhel7u6	
360	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.0.1.00.33.07.6_k2-1.rhel7u6.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	10.01.00.33.07.6-k2	10.01.00.33.07.6_k2-1.rhel7u6	
361	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.0.1.00.33.07.6_k2-1.rhel7u6.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	10.01.00.33.07.6-k2	10.01.00.33.07.6_k2-1.rhel7u6	
362	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.0.1.00.33.07.6_k2-1.rhel7u6.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	10.01.00.33.07.6-k2	10.01.00.33.07.6_k2-1.rhel7u6	
363	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-8.08.00.08.07.5_k10-2.rhel7u5.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	10.01.00.33.07.6-k2	8.08.00.08.07.5_k10-2.rhel7u5	
364	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-8.08.00.08.07.5_k10-2.rhel7u5.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	10.01.00.33.07.6-k2	8.08.00.08.07.5_k10-2.rhel7u5	
365	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-8.08.00.08.07.5_k10-2.rhel7u5.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	10.01.00.33.07.6-k2	8.08.00.08.07.5_k10-2.rhel7u5	
366	Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic and mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-8.08.00.08.07.5_k10-2.rhel7u5.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	10.01.00.33.07.6-k2	8.08.00.08.07.5_k10-2.rhel7u5	

367	Red Hat Enterprise Linux 7 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.0.346.15-1.rhel7u5.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.0.346.15	12.0.346.15-1.rhel7u5	
368	Red Hat Enterprise Linux 7 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.0.346.15-1.rhel7u5.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.0.346.15	12.0.346.15-1.rhel7u5	
369	Red Hat Enterprise Linux 7 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.0.346.15-1.rhel7u5.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.0.346.15	12.0.346.15-1.rhel7u5	
370	Red Hat Enterprise Linux 7 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.0.346.15-1.rhel7u5.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.0.346.15	12.0.346.15-1.rhel7u5	
371	Red Hat Enterprise Linux 7 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.0.346.15-1.rhel7u6.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.0.346.15	12.0.346.15-1.rhel7u6	
372	Red Hat Enterprise Linux 7 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.0.346.15-1.rhel7u6.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.0.346.15	12.0.346.15-1.rhel7u6	
373	Red Hat Enterprise Linux 7 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.0.346.15-1.rhel7u6.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.0.346.15	12.0.346.15-1.rhel7u6	
374	Red Hat Enterprise Linux 7 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters	kmod-elx-lpfc-12.0.346.15-1.rhel7u6.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.0.346.15	12.0.346.15-1.rhel7u6	

6.2.8 Driver - System Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
375	iLO 5 Automatic Server Recovery Driver for Windows Server 2012 R2	cp035137.exe	-	4.4.0.0	4.4.0.0	
376	iLO 5 Automatic Server Recovery Driver for Windows Server 2016 and Server 2019	cp035140.exe	-	4.4.0.0 (B)	4.4.0.0 (B)	
377	iLO 5 Channel Interface Driver for Windows Server 2012 R2	cp034070.exe	-	4.3.0.0	4.3.0.0	
378	iLO 5 Channel Interface Driver for Windows Server 2016 and Server 2019	cp035112.exe	-	4.3.0.0 (B)	4.3.0.0 (B)	

6.2.9 Driver - Video

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
379	Matrox G200eH3 Video Controller Driver for Windows Server 2012 R2	cp033123.exe	-	9.15.1.184 (B)	9.15.1.184 (B)	

380	Matrox G200eH3 Video Controller Driver for Windows Server 2016 and Server 2019	cp035106.exe	-	9.15.1.218	9.15.1.218	
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6.2.10 Firmware - Lights-Out Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
381	Language Pack - Japanese	cp038997.exe	Integrated Lights-Out 5 Language Pack	1.40 (a)	1.40	
382	Language Pack - Japanese	firmware-lpk-ilo-1.40-1.1.x86_64.rpm	Integrated Lights-Out 5 Language Pack	1.40 (a)	1.40	
383	Online ROM Flash Component for Linux - iLO 5	firmware-ilo5-1.40-1.1.x86_64.rpm	Integrated Lights-Out 5 Firmware	1.40	1.40	
384	Online ROM Flash Component for Windows x64 - iLO 5	cp038842.exe	Integrated Lights-Out 5 Firmware	1.40	1.40	
385	Online ROM Flash Firmware Package - iLO 5	ilo5_140.fwpkg	Integrated Lights-Out 5 Firmware	1.40	1.40	

6.2.11 Firmware - Network

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
386	HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-bcm-nxe-1.5.11-1.1.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	1.5.11	214.0.203000	新規追加
387	HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-bcm-nxe-1.5.11-1.1.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	1.5.11	214.0.203000	新規追加
388	HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for VMware	CP035581.zip	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	5.7.10	214.0.203000	新規追加
389	HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for VMware	CP035581.zip	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	5.7.10	214.0.203000	新規追加
390	HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for Windows Server x64 Editions	cp035575.exe	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	5.1.4.0	214.0.203000	新規追加
391	HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for Windows Server x64 Editions	cp035575.exe	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	5.1.4.0	214.0.203000	新規追加
392	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.23.10-1.1.x86_64.rpm	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	2.23.10	20.14.54	
393	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.23.10-1.1.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	2.23.10	20.14.54	
394	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.23.10-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	2.23.10	20.14.54	
395	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.23.10-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	2.23.10	20.14.54	

396	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.23.10-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	2.23.10	20.14.54	
397	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP036110.zip	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	1.24.8	20.14.54	
398	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP036110.zip	HP Ethernet 1Gb 2-port 332T Adapter	1.24.8	20.14.54	
399	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP036110.zip	HP Ethernet 1Gb 4-port 331FLR Adapter	1.24.8	20.14.54	
400	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP036110.zip	HP Ethernet 1Gb 4-port 331T Adapter	1.24.8	20.14.54	
401	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP036110.zip	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	1.24.8	20.14.54	
402	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp036111.exe	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	5.1.4.0	20.14.54	
403	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp036111.exe	HP Ethernet 1Gb 2-port 332T Adapter	5.1.4.0	20.14.54	
404	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp036111.exe	HP Ethernet 1Gb 4-port 331FLR Adapter	5.1.4.0	20.14.54	
405	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp036111.exe	HP Ethernet 1Gb 4-port 331T Adapter	5.1.4.0	20.14.54	
406	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp036111.exe	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	5.1.4.0	20.14.54	
407	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.17.17-2.1.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	1.17.17 (B)	1.2028.0	
408	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.17.17-2.1.x86_64.rpm	HP Ethernet 1Gb 2-port 361T Adapter	1.17.17 (B)	1.2028.0	
409	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.17.17-2.1.x86_64.rpm	HP Ethernet 1Gb 4-port 366FLR Adapter	1.17.17 (B)	1.2028.0	
410	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.17.17-2.1.x86_64.rpm	HP Ethernet 1Gb 4-port 366T Adapter	1.17.17 (B)	1.2028.0	
411	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.17.17-2.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.17.17 (B)	10.4.3	
412	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.17.17-2.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	1.17.17 (B)	10.4.4	
413	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.17.17-2.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.17.17 (B)	10.4.3	
414	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.17.17-2.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	1.17.17 (B)	10.4.4	
415	HPE Intel Online Firmware Upgrade Utility for VMware	CP035127.zip	HPE Ethernet 1Gb 4-port 369i Adapter	3.10.16	1.2028.0	
416	HPE Intel Online Firmware Upgrade Utility for VMware	CP035127.zip	HP Ethernet 1Gb 2-port 361T Adapter	3.10.16	1.2028.0	

417	HPE Intel Online Firmware Upgrade Utility for VMware	CP035127.zip	HP Ethernet 1Gb 4-port 366FLR Adapter	3.10.16	1.2028.0	
418	HPE Intel Online Firmware Upgrade Utility for VMware	CP035127.zip	HP Ethernet 1Gb 4-port 366T Adapter	3.10.16	1.2028.0	
419	HPE Intel Online Firmware Upgrade Utility for VMware	CP035127.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	3.10.16	10.4.3	
420	HPE Intel Online Firmware Upgrade Utility for VMware	CP035127.zip	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	3.10.16	10.4.4	
421	HPE Intel Online Firmware Upgrade Utility for VMware	CP035127.zip	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	3.10.16	10.4.3	
422	HPE Intel Online Firmware Upgrade Utility for VMware	CP035127.zip	HPE Ethernet 10Gb 2-port 562T Adapter	3.10.16	10.4.4	
423	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp035128.exe	HPE Ethernet 1Gb 4-port 369i Adapter	5.1.4.0	1.2028.0	
424	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp035128.exe	HP Ethernet 1Gb 2-port 361T Adapter	5.1.4.0	1.2028.0	
425	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp035128.exe	HP Ethernet 1Gb 4-port 366FLR Adapter	5.1.4.0	1.2028.0	
426	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp035128.exe	HP Ethernet 1Gb 4-port 366T Adapter	5.1.4.0	1.2028.0	
427	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp035128.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	5.1.4.0	10.4.3	
428	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp035128.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.1.4.0	10.4.4	
429	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp035128.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	5.1.4.0	10.4.3	
430	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp035128.exe	HPE Ethernet 10Gb 2-port 562T Adapter	5.1.4.0	10.4.4	
431	HPE QLogic FastLinQ Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-flq-1.6.27-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 521T Adapter	1.6.27	8.37.29	
432	HPE QLogic FastLinQ Online Firmware Upgrade Utility for VMware	CP035082.zip	HPE Ethernet 10Gb 2-port 521T Adapter	4.9.27	8.37.29	
433	HPE QLogic FastLinQ Online Firmware Upgrade Utility for Windows Server x64 Editions	cp035083.exe	HPE Ethernet 10Gb 2-port 521T Adapter	5.1.4.0	8.37.29	
434	HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-nx2-2.24.15-1.1.x86_64.rpm	HP Ethernet 10Gb 2-port 530SFP+ Adapter	2.24.15	7.17.71	
435	HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-nx2-2.24.15-1.1.x86_64.rpm	HP Ethernet 10Gb 2-port 530T Adapter	2.24.15	7.17.71	
436	HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-nx2-2.24.15-1.1.x86_64.rpm	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	2.24.15	7.17.71	
437	HPE QLogic NX2 Online Firmware Upgrade Utility for VMware	CP035912.zip	HP Ethernet 10Gb 2-port 530SFP+ Adapter	1.24.16	7.17.71	

438	HPE QLogic NX2 Online Firmware Upgrade Utility for VMware	CP035912.zip	HP Ethernet 10Gb 2-port 530T Adapter	1.24.16	7.17.71	
439	HPE QLogic NX2 Online Firmware Upgrade Utility for VMware	CP035912.zip	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	1.24.16	7.17.71	
440	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp036015.exe	HP Ethernet 10Gb 2-port 530SFP+ Adapter	5.1.4.0	7.17.71	
441	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp036015.exe	HP Ethernet 10Gb 2-port 530T Adapter	5.1.4.0	7.17.71	
442	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp036015.exe	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	5.1.4.0	7.17.71	
443	Online Firmware Upgrade Utility (ESXi 6.0) for HPE Mellanox Ethernet only adapters	CP038791.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.9 (A)	14.23.8052	
444	Online Firmware Upgrade Utility (ESXi 6.0) for HPE Mellanox Ethernet only adapters	CP038791.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.9 (A)	14.23.8036	
445	Online Firmware Upgrade Utility (ESXi 6.0) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 6.0	CP036745.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.5	16.24.1000	
446	Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox Ethernet only adapters	CP038792.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.4 (A)	14.23.8036	
447	Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox Ethernet only adapters	CP038792.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.4 (A)	14.23.8052	
448	Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 6.5	CP036746.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.4	16.24.1000	
449	Online Firmware Upgrade Utility (ESXi 6.7) for HPE Mellanox Ethernet only adapters	CP038793.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.0 (A)	14.23.8052	
450	Online Firmware Upgrade Utility (ESXi 6.7) for HPE Mellanox Ethernet only adapters	CP038793.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.0 (A)	14.23.8036	
451	Online Firmware Upgrade Utility (ESXi 6.7) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 6.7	CP035249.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.0	16.24.1000	
452	Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox Ethernet only adapters	firmware-nic-mellanox-ethernet-only-1.0.9-2.1.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.9 (A)	14.23.8052	
453	Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox Ethernet only adapters	firmware-nic-mellanox-ethernet-only-1.0.9-2.1.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.9 (A)	14.23.8036	

454	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-connectx4-1.0.5-1.1.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.5	16.24.1000	
455	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox Ethernet only adapters	cp038794.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.0.9 (A)	14.23.8052	
456	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox Ethernet only adapters	cp038794.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.0.9 (A)	14.23.8036	
457	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Windows x86_64 platform	cp036747.exe	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.0.5	16.24.1000	

6.2.12 Firmware - PCIe NVMe Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
458	Supplemental Update / Online ROM Flash Component for Linux (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	firmware-hdd-8e8ddc5265-HPK1-2.1.x86_64.rpm	MT006400KWHAE	HPK1 (B)	HPK1	

6.2.13 Firmware - Power Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
459	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	cp039100.exe	Innovation Engine (IE) Firmware	0.2.0.11 (B)	0.2.0.11	更新
460	Online ROM Flash for Linux - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors	firmware-powerpic-1.0.4-1.1.x86_64.rpm	Advanced Power Capping Microcontroller Firmware	1.0.4	1.0.4	
461	Online ROM Flash for Windows x64 - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors	cp033359.exe	Advanced Power Capping Microcontroller Firmware	1.0.4	1.0.4	
462	ROM Flash Firmware Package - Advanced Power Capping Microcontroller Firmware for HPE Gen10 Servers	PICGen10_1.0.4s.fwpkg	Gen10 Power Management Controller Firmware	1.0.4	1.0.4	

6.2.14 Firmware - SAS Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
463	Online ROM Flash Component for VMware ESXi - EG000600JWEBH and EG000300JWEBF Drives	CP037949.zip	EG000600JWEBH	HPD4	HPD4	
464	Online ROM Flash Component for VMware ESXi - EG000600JWEBH and EG000300JWEBF Drives	CP037949.zip	EG000300JWEBF	HPD4	HPD4	
465	Online ROM Flash Component for VMware ESXi - EG001800JWJNR and EG002400JWJNT Drives	CP037555.zip	EG002400JWJNT	HPD2	HPD2	
466	Online ROM Flash Component for VMware ESXi - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB, and EG1200JEMDA Drives	CP037049.zip	EG1200JEMDA	HPD6 (D)	HPD6	
467	Online ROM Flash Component for VMware ESXi - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	CP037055.zip	EH000300JWCPK	HPD3 (D)	HPD3	
468	Online ROM Flash Component for VMware ESXi - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	CP037055.zip	EH000600JWCPL	HPD3 (D)	HPD3	
469	Online ROM Flash Component for VMware ESXi - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	CP037055.zip	EH000900JWCPN	HPD3 (D)	HPD3	
470	Online ROM Flash Component for VMware ESXi - MB012000JWDFD Drives	CP037064.zip	MB012000JWDFD	HPD2 (B)	HPD2	
471	Online ROM Flash Component for VMware ESXi - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	CP037954.zip	MB2000JVYZN	HPD3	HPD3	
472	Online ROM Flash Component for VMware ESXi - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	CP037954.zip	MB4000JVYZQ	HPD3	HPD3	
473	Online ROM Flash Component for VMware ESXi - MB8000JFECQ Drives	CP037073.zip	MB8000JFECQ	HPD7 (C)	HPD7	
474	Online ROM Flash Component for VMware ESXi - MM1000JEFRB and MM2000JEFRC Drives	CP037074.zip	MM2000JEFRC	HPD8 (C)	HPD8	
475	Online ROM Flash Component for VMware ESXi - MM1000JFJTH Drives	CP037075.zip	MM1000JFJTH	HPD3 (C)	HPD3	
476	Online ROM Flash Component for Windows (x64) - EG000600JWEBH and EG000300JWEBF Drives	cp037953.exe	EG000600JWEBH	HPD4	HPD4	

477	Online ROM Flash Component for Windows (x64) - EG000600JWEBH and EG000300JWEBF Drives	cp037953.exe	EG000300JWEBF	HPD4	HPD4	
478	Online ROM Flash Component for Windows (x64) - EG001800JWJNR and EG002400JWJNT Drives	cp037554.exe	EG002400JWJNT	HPD2	HPD2	
479	Online ROM Flash Component for Windows (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB, and EG1200JEMDA Drives	cp037254.exe	EG1200JEMDA	HPD6 (C)	HPD6	
480	Online ROM Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	cp037259.exe	EH000300JWCPK	HPD3 (C)	HPD3	
481	Online ROM Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	cp037259.exe	EH000600JWCPL	HPD3 (C)	HPD3	
482	Online ROM Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	cp037259.exe	EH000900JWCPN	HPD3 (C)	HPD3	
483	Online ROM Flash Component for Windows (x64) - MB012000JWDFD Drives	cp037309.exe	MB012000JWDFD	HPD2 (B)	HPD2	
484	Online ROM Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	cp037956.exe	MB2000JVYZN	HPD3	HPD3	
485	Online ROM Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	cp037956.exe	MB4000JVYZQ	HPD3	HPD3	
486	Online ROM Flash Component for Windows (x64) - MB8000JFECQ Drives	cp037291.exe	MB8000JFECQ	HPD7 (B)	HPD7	
487	Online ROM Flash Component for Windows (x64) - MM1000JEFRB and MM2000JEFRC Drives	cp037295.exe	MM2000JEFRC	HPD8 (B)	HPD8	
488	Online ROM Flash Component for Windows (x64) - MM1000JFJTH Drives	cp037296.exe	MM1000JFJTH	HPD3 (B)	HPD3	
489	Supplemental Update / Online ROM Flash Component for Linux (x64) - EG000600JWEBH and EG000300JWEBF Drives	firmware-hdd-aa9e289524-HPD4-1.1.x86_64.rpm	EG000600JWEBH	HPD4	HPD4	
490	Supplemental Update / Online ROM Flash Component for Linux (x64) - EG000600JWEBH and EG000300JWEBF Drives	firmware-hdd-aa9e289524-HPD4-1.1.x86_64.rpm	EG000300JWEBF	HPD4	HPD4	
491	Supplemental Update / Online ROM Flash Component for Linux (x64) - EG001800JWJNR and EG002400JWJNT Drives	firmware-hdd-b1c9eaf74c-HPD2-1.1.x86_64.rpm	EG002400JWJNT	HPD2	HPD2	

492	Supplemental Update / Online ROM Flash Component for Linux (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB, and EG1200JEMDA Drives	firmware-hdd-ac3fda26eb-HPD6-4.1.x86_64.rpm	EG1200JEMDA	HPD6 (D)	HPD6	
493	Supplemental Update / Online ROM Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	firmware-hdd-3d97759111-HPD3-3.1.x86_64.rpm	EH000900JWCPN	HPD3 (C)	HPD3	
494	Supplemental Update / Online ROM Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	firmware-hdd-3d97759111-HPD3-3.1.x86_64.rpm	EH000600JWCPL	HPD3 (C)	HPD3	
495	Supplemental Update / Online ROM Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives	firmware-hdd-3d97759111-HPD3-3.1.x86_64.rpm	EH000300JWCPK	HPD3 (C)	HPD3	
496	Supplemental Update / Online ROM Flash Component for Linux (x64) - MB012000JWDFD Drives	firmware-hdd-aaf1014ede-HPD2-2.1.x86_64.rpm	MB012000JWDFD	HPD2 (B)	HPD2	
497	Supplemental Update / Online ROM Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	firmware-hdd-b85516c7d2-HPD3-1.1.x86_64.rpm	MB2000JVYZN	HPD3	HPD3	
498	Supplemental Update / Online ROM Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	firmware-hdd-b85516c7d2-HPD3-1.1.x86_64.rpm	MB4000JVYZQ	HPD3	HPD3	
499	Supplemental Update / Online ROM Flash Component for Linux (x64) - MB8000JFECQ Drives	firmware-hdd-252770cdda-HPD7-2.1.x86_64.rpm	MB8000JFECQ	HPD7 (B)	HPD7	
500	Supplemental Update / Online ROM Flash Component for Linux (x64) - MM1000JEFRB and MM2000JEFRC Drives	firmware-hdd-b04257b77b-HPD8-2.1.x86_64.rpm	MM2000JEFRC	HPD8 (B)	HPD8	
501	Supplemental Update / Online ROM Flash Component for Linux (x64) - MM1000JFJTH Drives	firmware-hdd-fa46c607d6-HPD3-2.1.x86_64.rpm	MM1000JFJTH	HPD3 (B)	HPD3	

6.2.15 Firmware - SATA Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
502	Online ROM Flash Component for VMware ESXi - MB002000GWFGH and MB001000GWFGF Drives	CP036234.zip	MB001000GWFGF	HPG3 (C)	HPG3	
503	Online ROM Flash Component for VMware ESXi - MB012000GWDFE Drives	CP037063.zip	MB012000GWDFE	HPG2 (B)	HPG2	
504	Online ROM Flash Component for VMware ESXi - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH, and MB4000GVYZK Drives	CP036240.zip	MB4000GVYZK	HPG4 (D)	HPG4	

505	Online ROM Flash Component for VMware ESXi - MM1000GEFQV and MM2000GEFRA Drives	CP038002.zip	MM2000GEFRA	HPG8 (C)	HPG8	
506	Online ROM Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP037863.zip	MR000240GWFLU	HPGB (B)	HPGB	
507	Online ROM Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP037863.zip	MR000480GWFLV	HPGB (B)	HPGB	
508	Online ROM Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP037863.zip	VR000480GWFMD	HPGB (B)	HPGB	
509	Online ROM Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP037863.zip	MR000960GWFMA	HPGB (B)	HPGB	
510	Online ROM Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP037863.zip	VR000960GWFME	HPGB (B)	HPGB	
511	Online ROM Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP037861.zip	VK000240GWEZB	HPGB (B)	HPGB	

512	Online ROM Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP037861.zip	MK000240GWEZF	HPGB (B)	HPGB	
513	Online ROM Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP037861.zip	MK000480GWEZH	HPGB (B)	HPGB	
514	Online ROM Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP037861.zip	MK000960GWEZK	HPGB (B)	HPGB	
515	Online ROM Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP037861.zip	MK001920GWHRU	HPGB (B)	HPGB	
516	Online ROM Flash Component for Windows (x64) - MB001000GWCBC and MB002000GWCBD Drives	cp037264.exe	MB001000GWCBC	HPG4 (E)	HPG4	
517	Online ROM Flash Component for Windows (x64) - MB001000GWFVK and MB002000GWFVL Drives	cp037265.exe	MB002000GWFVL	HPG4 (E)	HPG4	
518	Online ROM Flash Component for Windows (x64) - MB002000GWFGH and MB001000GWFGF Drives	cp037266.exe	MB001000GWFGF	HPG3 (C)	HPG3	
519	Online ROM Flash Component for Windows (x64) - MB012000GWDFE Drives	cp037310.exe	MB012000GWDFE	HPG2 (B)	HPG2	
520	Online ROM Flash Component for Windows (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH, and MB4000GVYZK Drives	cp037273.exe	MB4000GVYZK	HPG4 (E)	HPG4	
521	Online ROM Flash Component for Windows (x64) - MB8000GFECR Drives	cp036957.exe	MB8000GFECR	HPG6	HPG6	

522	Online ROM Flash Component for Windows (x64) - MM1000GEFQV and MM2000GEFRA Drives	cp037293.exe	MM2000GEFRA	HPG8 (C)	HPG8	
523	Online ROM Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp037314.exe	MR000240GWFLU	HPGB (B)	HPGB	
524	Online ROM Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp037314.exe	MR000480GWFLV	HPGB (B)	HPGB	
525	Online ROM Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp037314.exe	VR000480GWFMD	HPGB (B)	HPGB	
526	Online ROM Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp037314.exe	MR000960GWFMA	HPGB (B)	HPGB	
527	Online ROM Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp037314.exe	VR000960GWFME	HPGB (B)	HPGB	
528	Online ROM Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp037315.exe	VK000240GWEZB	HPGB (B)	HPGB	

529	Online ROM Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp037315.exe	MK000240GWEZF	HPGB (B)	HPGB	
530	Online ROM Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp037315.exe	MK000480GWEZH	HPGB (B)	HPGB	
531	Online ROM Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp037315.exe	MK000960GWEZK	HPGB (B)	HPGB	
532	Online ROM Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp037315.exe	MK001920GWHRU	HPGB (B)	HPGB	
533	Supplemental Update / Online ROM Flash Component for ESXi - MB001000GWCB and MB002000GWCB Dives	CP036232.zip	MB001000GWCB C	HPG4 (D)	HPG4	
534	Supplemental Update / Online ROM Flash Component for ESXi - MB001000GWFVK and MB002000GWFVL Drives	CP036233.zip	MB002000GWFV L	HPG4 (D)	HPG4	
535	Supplemental Update / Online ROM Flash Component for ESXi - MB8000GFECR Drives	CP036956.zip	MB8000GFECR	HPG6	HPG6	
536	Supplemental Update / Online ROM Flash Component for Linux (x64) - MB001000GWCB and MB002000GWCB Dives	firmware-hdd-68b12e54d2-HPG4-5.1.x86_64.rpm	MB001000GWCB C	HPG4 (E)	HPG4	
537	Supplemental Update / Online ROM Flash Component for Linux (x64) - MB001000GWFVK and MB002000GWFVL Drives	firmware-hdd-bfc4af697b-HPG4-5.1.x86_64.rpm	MB002000GWFV L	HPG4 (E)	HPG4	
538	Supplemental Update / Online ROM Flash Component for Linux (x64) - MB002000GWFV and MB001000GWFV Dives	firmware-hdd-0b575b5895-HPG3-3.1.x86_64.rpm	MB001000GWFV F	HPG3 (C)	HPG3	

539	Supplemental Update / Online ROM Flash Component for Linux (x64) - MB012000GWDFE Drives	firmware-hdd-059b8654a6-HPG2-2.1.x86_64.rpm	MB012000GWDFE	HPG2 (B)	HPG2	
540	Supplemental Update / Online ROM Flash Component for Linux (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH, and MB4000GVYZK Drives	firmware-hdd-0a7010918e-HPG4-5.1.x86_64.rpm	MB4000GVYZK	HPG4 (E)	HPG4	
541	Supplemental Update / Online ROM Flash Component for Linux (x64) - MB8000GFECR Drives	firmware-hdd-6d922fc9a8-HPG6-1.1.x86_64.rpm	MB8000GFECR	HPG6	HPG6	
542	Supplemental Update / Online ROM Flash Component for Linux (x64) - MM1000GEFQV and MM2000GEFRA Drives	firmware-hdd-ec908c3650-HPG8-3.1.x86_64.rpm	MM2000GEFRA	HPG8 (C)	HPG8	
543	Supplemental Update / Online ROM Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGB-2.1.x86_64.rpm	MR000240GWFLU	HPGB (B)	HPGB	
544	Supplemental Update / Online ROM Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGB-2.1.x86_64.rpm	MR000480GWFLV	HPGB (B)	HPGB	
545	Supplemental Update / Online ROM Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGB-2.1.x86_64.rpm	VR000480GWFMD	HPGB (B)	HPGB	
546	Supplemental Update / Online ROM Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGB-2.1.x86_64.rpm	MR000960GWFMA	HPGB (B)	HPGB	
547	Supplemental Update / Online ROM Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGB-2.1.x86_64.rpm	VR000960GWFME	HPGB (B)	HPGB	

548	Supplemental Update / Online ROM Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGB-2.1.x86_64.rpm	VK000240GWEZB	HPGB (B)	HPGB	
549	Supplemental Update / Online ROM Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGB-2.1.x86_64.rpm	MK000240GWEZF	HPGB (B)	HPGB	
550	Supplemental Update / Online ROM Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGB-2.1.x86_64.rpm	MK000480GWEZH	HPGB (B)	HPGB	
551	Supplemental Update / Online ROM Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGB-2.1.x86_64.rpm	MK000960GWEZK	HPGB (B)	HPGB	
552	Supplemental Update / Online ROM Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGB-2.1.x86_64.rpm	MK001920GWHRU	HPGB (B)	HPGB	

6.2.16 Firmware - Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
553	Online ROM Flash Component for VMware ESXi – HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers	CP037229.zip	HPE 12Gb SAS Expander Card	4.21	4.21	

554	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	CP037173.zip	HPE Smart Array P816i-a SR Gen10 Controller	1.98	1.98	
555	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	CP037173.zip	HPE Smart Array P408i-a SR Gen10 Controller	1.98	1.98	
556	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	CP037173.zip	HPE Smart Array P408i-p SR Gen10 Controller	1.98	1.98	
557	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	CP037173.zip	HPE Smart Array E208e-p SR Gen10 Controller	1.98	1.98	
558	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	CP037173.zip	HPE Smart Array E208i-p SR Gen10 Controller	1.98	1.98	
559	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	CP037173.zip	HPE Smart Array E208i-a SR Gen10 Controller	1.98	1.98	
560	Online ROM Flash Component for Windows (x64) - HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers	cp037678.exe	HPE 12Gb SAS Expander Card	4.21 (B)	4.21	
561	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	cp037175.exe	HPE Smart Array P816i-a SR Gen10 Controller	1.98	1.98	

562	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	cp037175.exe	HPE Smart Array P408i-a SR Gen10 Controller	1.98	1.98	
563	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	cp037175.exe	HPE Smart Array P408i-p SR Gen10 Controller	1.98	1.98	
564	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	cp037175.exe	HPE Smart Array E208e-p SR Gen10 Controller	1.98	1.98	
565	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	cp037175.exe	HPE Smart Array E208i-p SR Gen10 Controller	1.98	1.98	
566	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	cp037175.exe	HPE Smart Array E208i-a SR Gen10 Controller	1.98	1.98	
567	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-2de15b6882-4.21-1.1.x86_64.rpm	HPE 12Gb SAS Expander Card	4.21	4.21	
568	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-1.98-1.1.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	1.98	1.98	
569	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-1.98-1.1.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	1.98	1.98	

570	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-1.98-1.1.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	1.98	1.98	
571	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-1.98-1.1.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	1.98	1.98	
572	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-1.98-1.1.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	1.98	1.98	
573	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-1.98-1.1.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	1.98	1.98	

6.2.17 Firmware - Storage Fibre Channel

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
574	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2019.03.01-1.29.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.346.9	
575	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2019.03.01-1.29.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.346.9	
576	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2019.03.01-1.29.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.346.9	
577	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2019.03.01-1.29.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.346.9	
578	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.0	CP035750.zip	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.346.9	

579	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.0	CP035750.zip	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.346.9	
580	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.0	CP035750.zip	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.346.9	
581	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.0	CP035750.zip	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.346.9	
582	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP035751.zip	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.346.9	
583	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP035751.zip	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.346.9	
584	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP035751.zip	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.346.9	
585	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP035751.zip	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.346.9	
586	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP035752.zip	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.346.9	
587	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP035752.zip	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.346.9	
588	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP035752.zip	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.346.9	
589	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP035752.zip	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.346.9	
590	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Windows 2012/2012 R2/2016/2019 x64	cp035754.exe	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.346.9	
591	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Windows 2012/2012 R2/2016/2019 x64	cp035754.exe	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.346.9	

592	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Windows 2012/2012 R2/2016/2019 x64	cp035754.exe	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.346.9	
593	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Windows 2012/2012 R2/2016/2019 x64	cp035754.exe	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.346.9	
594	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2019.03.01-1.11.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	01.71.03	
595	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2019.03.01-1.11.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	01.71.03	
596	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2019.03.01-1.11.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	01.71.03	
597	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2019.03.01-1.11.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	01.71.03	
598	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.0	CP035770.zip	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	01.71.03	
599	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.0	CP035770.zip	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	01.71.03	
600	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.0	CP035770.zip	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	01.71.03	
601	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.0	CP035770.zip	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	01.71.03	
602	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP035771.zip	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	01.71.03	
603	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP035771.zip	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	01.71.03	
604	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP035771.zip	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	01.71.03	

605	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP035771.zip	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	01.71.03	
606	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP035772.zip	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	01.71.03	
607	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP035772.zip	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	01.71.03	
608	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP035772.zip	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	01.71.03	
609	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP035772.zip	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	01.71.03	
610	HPE Firmware Online Flash for QLogic Fibre Channel Host Bus Adapters - Windows 2012/2012R2/2016/2019 (x86_64)	cp035774.exe	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	01.71.03	
611	HPE Firmware Online Flash for QLogic Fibre Channel Host Bus Adapters - Windows 2012/2012R2/2016/2019 (x86_64)	cp035774.exe	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	01.71.03	
612	HPE Firmware Online Flash for QLogic Fibre Channel Host Bus Adapters - Windows 2012/2012R2/2016/2019 (x86_64)	cp035774.exe	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	01.71.03	
613	HPE Firmware Online Flash for QLogic Fibre Channel Host Bus Adapters - Windows 2012/2012R2/2016/2019 (x86_64)	cp035774.exe	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	01.71.03	

6.2.18 Firmware – System

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
614	Firmware Package - Gen10 NVMe Backplane PIC Firmware	ISS_NVMe_BP_PIC_flashV1B20.fwpkg	NVMe Backplane PIC	1.20	1.20	
615	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	
616	Online Flash Component for Windows x64 - Gen10 NVMe Backplane PIC Firmware	cp037722.exe	NVMe Backplane PIC	1.20 (D)	1.20	
617	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-0.2.0.11-2.1.x86_64.rpm	Innovation Engine (IE) Firmware	0.2.0.11 (B)	0.2.0.11	更新
618	Online Flash for Linux - Server	firmware-sps-04.01.04.	Server Platform	04.01.04.25	04.01.04.251	

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
614	Firmware Package - Gen10 NVMe Backplane PIC Firmware	ISS_NVMe_BP_PIC_flashV1B20.fwpkg	NVMe Backplane PIC	1.20	1.20	
615	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	
616	Online Flash Component for Windows x64 - Gen10 NVMe Backplane PIC Firmware	cp037722.exe	NVMe Backplane PIC	1.20 (D)	1.20	
	Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors	251-1.1.x86_64.rpm	Services (SPS) Firmware	1		
619	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	cp038059.exe	Server Platform Services (SPS) Firmware	04.01.04.251	04.01.04.251	
620	Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	cp037497.exe	Server Platform Services (SPS) Firmware for Intel C242 and C...	05.00.03.107	05.00.03.107	
621	Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	firmware-u43u44sps-05.00.03.107-1.1.x86_64.rpm	Server Platform Services (SPS) Firmware for Intel C242 and C...	05.00.03.107	05.00.03.107	
622	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_0.2.0.11.fwpkg	Innovation Engine (IE) Universal Image	0.2.0.11 (B)	0.2.0.11	更新
623	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_04.01.04.251.fwpkg	Server Platform Services (SPS) Firmware	04.01.04.251	4.1.4.251	
624	ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	U43U44SPS_05.00.03.107.fwpkg	Server Platform Services (SPS) Firmware	05.00.03.107	5.0.3.107	

6.2.19 Software - Lights-Out Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
625	HP Lights-Out Online Configuration Utility for Linux (AMD64/EM64T)	hponcfg-5.4.0-0.x86_64.rpm	-	5.4.0-0	5.4.0-0	
626	HP Lights-Out Online Configuration Utility for Windows x64 Editions	cp037416.exe	-	5.3.0.0	5.3.0.0	

6.2.20 Software - Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
627	HPE Management Bundle Smart Component for ESXi 6.0	cp037185.zip	-	2019.03.01	2019.03.01	
628	HPE Management Bundle Smart Component for ESXi 6.5	cp037186.zip	-	2019.03.01	2019.03.01	
629	HPE Management Bundle Smart Component for ESXi 6.7	cp037187.zip	-	2019.03.01	2019.03.01	

6.2.21 Software - Network

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
630	HPE Intel esx-provider for VMware	cp035296.zip	HP Ethernet 1Gb 2-port 361T Adapter	2018.09.00	0.6-4.3	
631	HPE Intel esx-provider for VMware	cp035296.zip	HP Ethernet 1Gb 4-port 366FLR Adapter	2018.09.00	0.6-4.3	
632	HPE Intel esx-provider for VMware	cp035296.zip	HP Ethernet 1Gb 4-port 366T Adapter	2018.09.00	0.6-4.3	
633	HPE Intel esx-provider for VMware	cp035296.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2018.09.00	0.6-4.3	
634	HPE Intel esx-provider for VMware	cp035296.zip	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2018.09.00	0.6-4.3	

6.2.22 Software - Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
635	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	
636	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	
637	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	
638	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	
639	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	
640	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
641	Emulex Fibre Channel driver component for VMware vSphere 6.0	cp035757.zip	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	11.4.329.0-10 EM.600.0.0.2 768847	

642	Emulex Fibre Channel driver component for VMware vSphere 6.0	cp035757.zip	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	11.4.329.0-10 EM.600.0.0.2 768847	
643	Emulex Fibre Channel driver component for VMware vSphere 6.0	cp035757.zip	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	11.4.329.0-10 EM.600.0.0.2 768847	
644	Emulex Fibre Channel driver component for VMware vSphere 6.0	cp035757.zip	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	11.4.329.0-10 EM.600.0.0.2 768847	
645	Emulex Fibre Channel driver component for VMware vSphere 6.5	cp035758.zip	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.257.5-10 EM.650.0.0.4 598673	
646	Emulex Fibre Channel driver component for VMware vSphere 6.5	cp035758.zip	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.257.5-10 EM.650.0.0.4 598673	
647	Emulex Fibre Channel driver component for VMware vSphere 6.5	cp035758.zip	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.257.5-10 EM.650.0.0.4 598673	
648	Emulex Fibre Channel driver component for VMware vSphere 6.5	cp035758.zip	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.257.5-10 EM.650.0.0.4 598673	
649	Emulex Fibre Channel driver component for VMware vSphere 6.7	cp035759.zip	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.257.5-10 EM.670.0.0.8 169922	
650	Emulex Fibre Channel driver component for VMware vSphere 6.7	cp035759.zip	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.257.5-10 EM.670.0.0.8 169922	
651	Emulex Fibre Channel driver component for VMware vSphere 6.7	cp035759.zip	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.257.5-10 EM.670.0.0.8 169922	
652	Emulex Fibre Channel driver component for VMware vSphere 6.7	cp035759.zip	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	12.0.257.5-10 EM.670.0.0.8 169922	
653	QLogic Fibre Channel driver component for VMware vSphere 6.0	cp035767.zip	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	2.1.81.0-10E M.600.0.0.27 68847	
654	QLogic Fibre Channel driver component for VMware vSphere 6.0	cp035767.zip	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	2.1.81.0-10E M.600.0.0.27 68847	

655	QLogic Fibre Channel driver component for VMware vSphere 6.0	cp035767.zip	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	2.1.81.0-10E M.600.0.0.27 68847	
656	QLogic Fibre Channel driver component for VMware vSphere 6.0	cp035767.zip	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	2.1.81.0-10E M.600.0.0.27 68847	
657	QLogic Fibre Channel driver component for VMware vSphere 6.5	cp035768.zip	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	2.1.81.0-10E M.600.0.0.27 68847	
658	QLogic Fibre Channel driver component for VMware vSphere 6.5	cp035768.zip	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	2.1.81.0-10E M.600.0.0.27 68847	
659	QLogic Fibre Channel driver component for VMware vSphere 6.5	cp035768.zip	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	2.1.81.0-10E M.600.0.0.27 68847	
660	QLogic Fibre Channel driver component for VMware vSphere 6.5	cp035768.zip	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	2.1.81.0-10E M.600.0.0.27 68847	
661	QLogic Fibre Channel driver component for VMware vSphere 6.7	cp035769.zip	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	3.1.16.0-10E M.670.0.0.81 69922	
662	QLogic Fibre Channel driver component for VMware vSphere 6.7	cp035769.zip	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	3.1.16.0-10E M.670.0.0.81 69922	
663	QLogic Fibre Channel driver component for VMware vSphere 6.7	cp035769.zip	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2019.03.01	3.1.16.0-10E M.670.0.0.81 69922	
664	QLogic Fibre Channel driver component for VMware vSphere 6.7	cp035769.zip	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2019.03.01	3.1.16.0-10E M.670.0.0.81 69922	

6.2.24 Software - Storage Fibre Channel HBA

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
665	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux (x86_64)	fibreutils-3.3-5.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	3.3-5 (c)	3.3-5	
666	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux (x86_64)	fibreutils-3.3-5.x86_64.rpm	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	3.3-5 (c)	3.3-5	

667	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux (x86_64)	fibreutils-3.3-5.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	3.3-5 (c)	3.3-5	
668	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux (x86_64)	fibreutils-3.3-5.x86_64.rpm	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	3.3-5 (c)	3.3-5	
669	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux (x86_64)	fibreutils-3.3-5.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	3.3-5 (c)	3.3-5	
670	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux (x86_64)	fibreutils-3.3-5.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	3.3-5 (c)	3.3-5	
671	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux (x86_64)	fibreutils-3.3-5.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	3.3-5 (c)	3.3-5	
672	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux (x86_64)	fibreutils-3.3-5.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	3.3-5 (c)	3.3-5	
673	HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 6 Server	HP-CNA-FC-Emulex-Enablement-Kit-12.0.346.16-1.rhel6.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.0.346.16	12.0.346.16-1.rhel6	
674	HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 6 Server	HP-CNA-FC-Emulex-Enablement-Kit-12.0.346.16-1.rhel6.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.0.346.16	12.0.346.16-1.rhel6	
675	HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 6 Server	HP-CNA-FC-Emulex-Enablement-Kit-12.0.346.16-1.rhel6.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.0.346.16	12.0.346.16-1.rhel6	
676	HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 6 Server	HP-CNA-FC-Emulex-Enablement-Kit-12.0.346.16-1.rhel6.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.0.346.16	12.0.346.16-1.rhel6	
677	HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 7 Server	HP-CNA-FC-Emulex-Enablement-Kit-12.0.346.16-1.rhel7.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.0.346.16	12.0.346.16-1.rhel7	
678	HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 7 Server	HP-CNA-FC-Emulex-Enablement-Kit-12.0.346.16-1.rhel7.x86_64.rpm	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.0.346.16	12.0.346.16-1.rhel7	
679	HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 7 Server	HP-CNA-FC-Emulex-Enablement-Kit-12.0.346.16-1.rhel7.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.0.346.16	12.0.346.16-1.rhel7	

680	HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 7 Server	HP-CNA-FC-Emulex-Enablement-Kit-12.0.346.16-1.rhel7.x86_64.rpm	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.0.346.16	12.0.346.16-1.rhel7	
681	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 (c)	1.0.0.0-4	
682	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 (c)	1.0.0.0-4	
683	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 (c)	1.0.0.0-4	
684	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 (c)	1.0.0.0-4	
685	HPE Emulex Smart SAN Enablement Kit for Windows 64 bit operating systems	cp037970.exe	HPE StoreFabric SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (h)	1.0.0.1 (h)	
686	HPE Emulex Smart SAN Enablement Kit for Windows 64 bit operating systems	cp037970.exe	HPE StoreFabric SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (h)	1.0.0.1 (h)	
687	HPE Emulex Smart SAN Enablement Kit for Windows 64 bit operating systems	cp037970.exe	HPE StoreFabric SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (h)	1.0.0.1 (h)	
688	HPE Emulex Smart SAN Enablement Kit for Windows 64 bit operating systems	cp037970.exe	HPE StoreFabric SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (h)	1.0.0.1 (h)	
689	HPE QLogic Fibre Channel Enablement Kit for Linux	HP-CNA-FC-hpqlgc-Enablement-Kit-6.0.0.0-4.noarch.rpm	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	6.0.0.0-4 (e)	6.0.0.0-4	
690	HPE QLogic Fibre Channel Enablement Kit for Linux	HP-CNA-FC-hpqlgc-Enablement-Kit-6.0.0.0-4.noarch.rpm	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	6.0.0.0-4 (e)	6.0.0.0-4	
691	HPE QLogic Fibre Channel Enablement Kit for Linux	HP-CNA-FC-hpqlgc-Enablement-Kit-6.0.0.0-4.noarch.rpm	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	6.0.0.0-4 (e)	6.0.0.0-4	
692	HPE QLogic Fibre Channel Enablement Kit for Linux	HP-CNA-FC-hpqlgc-Enablement-Kit-6.0.0.0-4.noarch.rpm	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	6.0.0.0-4 (e)	6.0.0.0-4	

693	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 (d)	3.3-3	
694	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 (d)	3.3-3	
695	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 (d)	3.3-3	
696	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 (d)	3.3-3	
697	HPE QLogic Smart SAN Enablement Kit for Windows 64 bit operating systems	cp037804.exe	HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (g)	1.0.0.1 (g)	
698	HPE QLogic Smart SAN Enablement Kit for Windows 64 bit operating systems	cp037804.exe	HPE StoreFabric SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (g)	1.0.0.1 (g)	
699	HPE QLogic Smart SAN Enablement Kit for Windows 64 bit operating systems	cp037804.exe	HPE StoreFabric SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (g)	1.0.0.1 (g)	
700	HPE QLogic Smart SAN Enablement Kit for Windows 64 bit operating systems	cp037804.exe	HPE StoreFabric SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (g)	1.0.0.1 (g)	

6.2.25 Software - System Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
701	Agentless Management Service (iLO 5) for Red Hat Enterprise Linux 6 Server	amsd-1.4.0-3066.59.rhel6.x86_64.rpm	-	1.4.0	1.4.0-3066.59.rhel6	
702	Agentless Management Service (iLO 5) for Red Hat Enterprise Linux 7 Server	amsd-1.4.0-3066.82.rhel7.x86_64.rpm	-	1.4.0	1.4.0-3066.82.rhel7	
703	Agentless Management Service for Windows X64	cp036094.exe	-	1.40.0.0	1.40.0.0	
704	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)	
705	Smart Storage Administrator (SSA) CLI for Linux 64-bit	ssacli-3.40-3.0.x86_64.rpm	-	3.40.3.0	3.40-3.0	
706	Smart Storage Administrator (SSA) CLI for Windows 64-bit	cp036452.exe	-	3.40.3.0	3.40.3.0	
707	Smart Storage Administrator (SSA) for Linux 64-bit	ssa-3.40-3.0.x86_64.rpm	-	3.40.3.0	3.40-3.0	
708	Smart Storage Administrator (SSA) for Windows 64-bit	cp036451.exe	-	3.40.3.0	3.40.3.0	

709	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit	ssaducli-3.40-3.0.x86_64.rpm	-	3.40.3.0	3.40-3.0	
710	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit	cp036453.exe	-	3.40.3.0	3.40.3.0	

6.2.26 Utility - Tools

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
711	HPE Utilities Bundle Smart Component for ESXi 6.0	cp037188.zip	-	2019.03.01	2019.03.01	
712	HPE Utilities Bundle Smart Component for ESXi 6.5	cp037189.zip	-	2019.03.01	2019.03.01	
713	HPE Utilities Bundle Smart Component for ESXi 6.7	cp037190.zip	-	2019.03.01	2019.03.01	

6.3 パッケージの変更内容

Online ROM Flash Component for Linux - OEM System ROM U34

Version: 2.04_04-18-2019 (Optional)

Problems Fixed:

- Updated the Intel processor microcode to the latest version.
- Addressed an issue where the system may experience a higher rate of Uncorrectable Memory errors or boot time Memory training issues with Intel Xeon Scalable Performance Bronze and Silver processors. This issue was first introduced with System ROM version 2.00. Hitachi recommends that any customer experiencing a memory issue immediately update to this version of the system ROM before replacing any components.

Online ROM Flash Component for Linux - System ROM U30

Version: 2.04_04-18-2019 (Optional)

Problems Fixed:

- Updated the Intel processor microcode to the latest version.
- Addressed an issue where the system may experience a higher rate of Uncorrectable Memory errors or boot time Memory training issues with Intel Xeon Scalable Performance Bronze and Silver processors. This issue was first introduced with System ROM version 2.00. Hitachi recommends that any customer experiencing a memory issue immediately update to this version of the system ROM before replacing any components.
-

Online ROM Flash Component for Linux - System ROM U32

Version: 2.04_04-18-2019 (Optional)

Problems Fixed:

- Updated the Intel processor microcode to the latest version.
- Addressed an issue where the system may experience a higher rate of Uncorrectable Memory errors or boot time Memory training issues with Intel Xeon Scalable Performance Bronze and Silver processors. This issue was first introduced with System ROM version 2.00. Hitachi recommends that any customer experiencing a memory issue immediately update to this version of the system ROM before replacing any components.
-

Online ROM Flash Component for Linux - System ROM U41

Version: 2.04_04-18-2019 (Optional)

Problems Fixed:

- Updated the Intel processor microcode to the latest version.

- Addressed an issue where the system may experience a higher rate of Uncorrectable Memory errors or boot time Memory training issues with Intel Xeon Scalable Performance Bronze and Silver processors. This issue was first introduced with System ROM version 2.00. Hitachi recommends that any customer experiencing a memory issue immediately update to this version of the system ROM before replacing any components.
-

Online ROM Flash Component for Linux - System ROM U43

Version: 1.22_04-04-2019 (Optional)

Problems Fixed:

- Updated the Intel processor microcode to the latest version.

Online ROM Flash Component for Linux - System ROM U44

Version: 1.22_04-04-2019 (Optional)

Problems Fixed:

- Updated the Intel processor microcode to the latest version.
-

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

Version: 2.04_04-18-2019 (Optional)

Problems Fixed:

- Updated the Intel processor microcode to the latest version.
- Addressed an issue where the system may experience a higher rate of Uncorrectable Memory errors or boot time Memory training issues with Intel Xeon Scalable Performance Bronze and Silver processors. This issue was first introduced with System ROM version 2.00. Hitachi recommends that any customer experiencing a memory issue immediately update to this version of the system ROM before replacing any components.
-

Online ROM Flash Component for Windows x64 - System ROM U30

Version: 2.04_04-18-2019 (Optional)

Problems Fixed:

- Updated the Intel processor microcode to the latest version.
- Addressed an issue where the system may experience a higher rate of Uncorrectable Memory errors or boot time Memory training issues with Intel Xeon Scalable Performance Bronze and Silver processors. This issue was first introduced with System ROM version 2.00. Hitachi recommends that any customer experiencing a memory issue immediately update to this version of the system ROM before replacing any components.

Online ROM Flash Component for Windows x64 - System ROM U32

Version: 2.04_04-18-2019 (Optional)

Problems Fixed:

- Updated the Intel processor microcode to the latest version.
- Addressed an issue where the system may experience a higher rate of Uncorrectable Memory errors or boot time Memory training issues with Intel Xeon Scalable Performance Bronze and Silver processors. This issue was first introduced with System ROM version 2.00. Hitachi recommends that any customer experiencing a memory issue immediately update to this version of the system ROM before replacing any components.

Online ROM Flash Component for Windows x64 - System ROM U41

Version: 2.04_04-18-2019 (Optional)

Problems Fixed:

- Updated the Intel processor microcode to the latest version.
- Addressed an issue where the system may experience a higher rate of Uncorrectable Memory errors or boot time Memory training issues with Intel Xeon Scalable Performance Bronze and Silver processors. This issue was first introduced with System ROM version 2.00. Hitachi recommends that any customer experiencing a memory issue immediately update to this version of the system ROM before replacing any components.

Online ROM Flash Component for Windows x64 - System ROM U43

Version: 1.22_04-04-2019 (Optional)

Problems Fixed:

- Updated the Intel processor microcode to the latest version.

Online ROM Flash Component for Windows x64 - System ROM U44

Version: 1.22_04-04-2019 (Optional)

Problems Fixed:

- Updated the Intel processor microcode to the latest version.

ROM Flash Firmware Package - System ROM U30

Version: 2.04_04-18-2019 (Optional)

Problems Fixed:

- Updated the Intel processor microcode to the latest version.
- Addressed an issue where the system may experience a higher rate of Uncorrectable Memory errors or boot time Memory training issues with Intel Xeon Scalable Performance Bronze and Silver processors. This issue was first introduced with System ROM version 2.00. Hitachi recommends that any customer experiencing a memory issue immediately update to this version of the system ROM before replacing any components.
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ROM Flash Firmware Package - System ROM U32

Version: 2.04_04-18-2019 (Optional)

Problems Fixed:

- Updated the Intel processor microcode to the latest version.
- Addressed an issue where the system may experience a higher rate of Uncorrectable Memory errors or boot time Memory training issues with Intel Xeon Scalable Performance Bronze and Silver processors. This issue was first introduced with System ROM version 2.00. Hitachi recommends that any customer experiencing a memory issue immediately update to this version of the system ROM before replacing any components.
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ROM Flash Firmware Package - System ROM U34

Version: 2.04_04-18-2019 (Optional)

Problems Fixed:

- Updated the Intel processor microcode to the latest version.
- Addressed an issue where the system may experience a higher rate of Uncorrectable Memory errors or boot time Memory training issues with Intel Xeon Scalable Performance Bronze and Silver processors. This issue was first introduced with System ROM version 2.00. Hitachi recommends that any customer experiencing a memory issue immediately update to this version of the system ROM before replacing any components.
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ROM Flash Firmware Package - System ROM U41

Version: 2.04_04-18-2019 (Optional)

Problems Fixed:

- Updated the Intel processor microcode to the latest version.
- Addressed an issue where the system may experience a higher rate of Uncorrectable Memory errors or boot time Memory training issues with Intel Xeon Scalable Performance Bronze and Silver processors. This issue was first introduced with System ROM version 2.00. Hitachi recommends that any customer experiencing a memory issue immediately update to this version of the system ROM before replacing

any components.

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ROM Flash Firmware Package - System ROM U43

Version: 1.22_04-04-2019 (Optional)

Problems Fixed:

- Updated the Intel processor microcode to the latest version.

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ROM Flash Firmware Package - System ROM U44

Version: 1.22_04-04-2019 (Optional)

Problems Fixed:

- Updated the Intel processor microcode to the latest version.