

# November 2017 VMware FW and Software Recipe

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## About this document

This document is for the person who installs, administers, and troubleshoots servers, Virtual Connect and storage systems. HPE assumes you are qualified in the servicing of computer equipment and trained in recognizing hazards in products with hazardous energy levels.

To learn more about this document please view the 'About the HP-VMWare Recipe document' white paper at the following link: <http://h20564.www2.hpe.com/hpsc/doc/public/display?docId=c04849476>

## Document Update Policy

A new version of this recipe will be published when a new HP Service Pack for ProLiant (SPP) is published, when a new HP Maintenance Supplement Bundle (MSB) is published, when VMware publishes a new OS Release (e.g. 5.5) or when VMware publishes a new update release (e.g. 5.5 U1).

**HOT FIXES:** The current recipe will be updated if HPE releases a hot-fix for a critical driver or FW fix

A Customer Notice will be released to notify customers of a newly published Recipe document. To sign up to receive Customer Notice notifications please see the instructions below:

- Go to <http://www.hpe.com/info/myadvisory>
- In the "Choose a product category" search for "VMware vSphere Software"
- In the search results, select "VMware vSphere Software"
- Select "Add select products"

## Important Support Notes

This document specifies the versions of firmware, and software that are recommended for use with VMware vSphere 5.x and VMware vSphere 6.x OS releases in conjunction with the HP Service Pack for ProLiant (SPP) 2016.10.0. The firmware versions and software versions listed in this document have been tested as a solution set using this SPP as a baseline, and are fully supported by HPE. Review the SPP Support Statement document on [www.hpe.com/servers/spp/documentation](http://www.hpe.com/servers/spp/documentation) to understand the support policy for SPP releases. When posted, the SPP will contain the firmware and drivers specified in this document. The specified drivers are also included in the VMware base image or HPE Custom image, available from VMware.com or available on HPE's vibsdepot ([5.5/6.0](http://www.hpe.com/servers/spp/documentation) and [6.5](http://www.hpe.com/servers/spp/documentation)) for this release. The specified system management software is included in the HPE Custom Image, available from hp.com or available on HPE's vibsdepot ([5.5/6.0](http://www.hpe.com/servers/spp/documentation) and [6.5](http://www.hpe.com/servers/spp/documentation)) for this release.

It is recommended that users revisit the download site for this document to check for updates periodically.

Review the SPP Contents Report on [www.hpe.com/servers/spp/documentation](http://www.hpe.com/servers/spp/documentation) to see which firmware and driver components are included in the SPP.

VMware vSphere 6.5, VMware vSphere 6.0 Update 3, VMware vSphere 6.0 Update 2 and VMware vSphere 5.5 Update 3 are the VMware Releases that have been tested against this entire SPP.

**Note:** The Service Pack for ProLiant (SPP) version 2016.10.0 does not support online FW components for VMware vSphere 6.0 Update 3. FW updates must be done with the Service Pack for ProLiant (SPP) 2016.10.0 in offline mode.

**Note:** The Service Pack for ProLiant (SPP) Version 2016.10.0 does not include any SW or online FW components for VMware vSphere 6.5. Updating FW for servers running VMware vSphere 6.5 must be done with the Service Pack for ProLiant (SPP) Version 2016.10.0 in offline mode. Installing or updating servers to VMware vSphere 6.5 must be done using the HPE VMware 6.5 Custom Image, or an image built using the VMware vSphere 6.5 deliverables on HPE vibsdepot at <http://vibsdepot.hpe.com/>. Updating SW on servers running VMware vSphere 6.5 must be done using the VMware vSphere 6.5 deliverables on HPE vibsdepot at <http://vibsdepot.hpe.com/>.

For the list of HPE Custom ISO's that are supported with (SPP) 2016.10.0 please see table below.

OS Version	HPE Custom Image	HPE Custom Image Identifier	Driver Updates	Software Updates
vSphere 6.5	HPE Custom Image for VMware vSphere 6.5 (18 November 2016)	Hpe-build-650.9.6.0.28	No driver updates required. Image contains driver versions specified in this Recipe	No software updates required. Image contains software versions specified in this Recipe
vSphere 6.0 Update 3	HPE Custom Image for VMware vSphere 6.0 Update 3 (23 February 2017)	hpe-build-600.9.7.0.17-2494585	No driver updates required. Image contains driver versions specified in this Recipe	No software updates required. Image contains software versions specified in this Recipe
vSphere 6.0 Update 2	HPE Custom Image for VMware vSphere 6.0 Update 2 (09 December 2016)	hpe-build-600.9.6.5.7-2494585	<p><b>Driver Updates are required</b></p> <p>Image does not contain driver versions specified in this Recipe</p> <p>Required drivers are available from:</p> <p>VUM online updates at:  <a href="http://vibsdepot.hpe.com/hpe/feb2017/index-driv.xml">http://vibsdepot.hpe.com/hpe/feb2017/index-driv.xml</a></p> <p>Offline bundles updated at:  <a href="http://vibsdepot.hpe.com/hpe/feb2017/esxi-600-device-drivers">http://vibsdepot.hpe.com/hpe/feb2017/esxi-600-device-drivers</a></p> <p>(SPP) 2016.10.0 at:  <a href="http://www.hpe.com/servers/spp/download">www.hpe.com/servers/spp/download</a></p> <p><b>Note:</b> Both required driver and software updates are available</p>	<p><b>Software updates are required</b></p> <p>Image does not contain software versions specified in this Recipe</p> <p>Required software is available from:</p> <p>VUM online updates at:  <a href="http://vibsdepot.hpe.com/hpe/feb2017/index.xml">http://vibsdepot.hpe.com/hpe/feb2017/index.xml</a></p> <p>Offline bundle updates at:  <a href="http://vibsdepot.hpe.com/hpe/feb2017/esxi-600-bundles">http://vibsdepot.hpe.com/hpe/feb2017/esxi-600-bundles</a></p> <p><b>Note:</b> Both required driver and software updates are available from VUM online updates at:  <a href="http://vibsdepot.hpe.com/hpe/feb2017/index.xml">http://vibsdepot.hpe.com/hpe/feb2017/index.xml</a></p>

			from VUM online updates at: <a href="http://vibsdepot.hpe.com/hpe/feb2017/index.xml">http://vibsdepot.hpe.com/hpe/feb2017/index.xml</a>	
vSphere 6.0 Update 1	HPE Custom Image for VMware vSphere 6.0 Update 1 (08 January 2016)	hpe-build-600.9.4.5.11-2494585	<p><b>Driver Updates are required</b></p> <p>Image does not contain driver versions specified in this Recipe</p> <p>Required drivers are available from:</p> <p>VUM online updates at: <a href="http://vibsdepot.hpe.com/hpe/feb2017/index-driv.xml">http://vibsdepot.hpe.com/hpe/feb2017/index-driv.xml</a></p> <p>Offline bundles updated at: <a href="http://vibsdepot.hpe.com/hpe/feb2017/esxi-600-devicedrivers">http://vibsdepot.hpe.com/hpe/feb2017/esxi-600-devicedrivers</a></p> <p>(SPP) 2016.10.0 at: <a href="http://www.hpe.com/servers/spp/download">www.hpe.com/servers/spp/download</a></p> <p><b>Note:</b> Both required driver and software updates are available from VUM online updates at: <a href="http://vibsdepot.hpe.com/hpe/feb2017/index.xml">http://vibsdepot.hpe.com/hpe/feb2017/index.xml</a></p>	<p><b>Software updates are required</b></p> <p>Image does not contain software versions specified in this Recipe</p> <p>Required software is available from:</p> <p>VUM online updates at: <a href="http://vibsdepot.hpe.com/hpe/feb2017/index.xml">http://vibsdepot.hpe.com/hpe/feb2017/index.xml</a></p> <p>Offline bundle updates at: <a href="http://vibsdepot.hpe.com/hpe/feb2017/esxi-600-bundles">http://vibsdepot.hpe.com/hpe/feb2017/esxi-600-bundles</a></p> <p><b>Note:</b> Both required driver and software updates are available from VUM online updates at: <a href="http://vibsdepot.hpe.com/hpe/feb2017/index.xml">http://vibsdepot.hpe.com/hpe/feb2017/index.xml</a></p>
vSphere 5.5 Update 3	HPE Custom Image for VMware vSphere 5.5 Update 3 (09 December 2016)	hp-build 550.9.6.5.9 - 1198610	No driver updates required. Image contains driver versions specified in this Recipe	No software updates required. Image contains software versions specified in this Recipe
vSphere 5.5 Update 2	HPE Custom Image for VMware vSphere 5.5 Update 2 (02 September 2015)	hp-build 550.9.2.40.2 -1198610	<p><b>Driver Updates are required</b></p> <p>Image does not contain driver versions specified in this Recipe</p> <p>Required drivers are available from:</p> <p>VUM online updates at: <a href="http://vibsdepot.hpe.com/hpe/oct2016/index-driv.xml">http://vibsdepot.hpe.com/hpe/oct2016/index-driv.xml</a></p> <p>Offline bundles updated at: <a href="http://vibsdepot.hpe.com/hpe/oct2016/esxi-550-devicedrivers">http://vibsdepot.hpe.com/hpe/oct2016/esxi-550-devicedrivers</a></p> <p>(SPP) 2016.10.0 at: <a href="http://www.hpe.com/servers/spp/download">www.hpe.com/servers/spp/download</a></p> <p><b>Note:</b> Both required driver and software updates are available from VUM online updates at: <a href="http://vibsdepot.hpe.com/hpe/oct2016/index.xml">http://vibsdepot.hpe.com/hpe/oct2016/index.xml</a></p>	<p><b>Software updates are required</b></p> <p>Image does not contain software versions specified in this Recipe</p> <p>Required software is available from:</p> <p>VUM online updates at: <a href="http://vibsdepot.hpe.com/hpe/oct2016/index.xml">http://vibsdepot.hpe.com/hpe/oct2016/index.xml</a></p> <p>Offline bundle updates at: <a href="http://vibsdepot.hpe.com/hpe/oct2016/esxi-550-bundles">http://vibsdepot.hpe.com/hpe/oct2016/esxi-550-bundles</a></p> <p><b>Note:</b> Both required driver and software updates are available from VUM online updates at: <a href="http://vibsdepot.hpe.com/hpe/oct2016/index.xml">http://vibsdepot.hpe.com/hpe/oct2016/index.xml</a></p>

Please note that this recipe lists some servers and HW that support one or more of the VMware ESXi and vSphere OS releases covered by this recipe. For a complete reference on which ProLiant Server models support which version of VMware OS, you can access the HPE Server Support Matrix for ProLiant from the [HPE website here](#). This recipe should be used in conjunction with the HPE Server Support Matrix to build a supported HW and SW configuration.

A new version of this recipe will be published when a new HP Service Pack for ProLiant (SPP) is published, when a new HP Maintenance Supplement Bundle (MSB) is published, when VMware publishes a new OS Release (e.g. 5.5) or when VMware publishes a new update release (e.g. 5.5 U1).

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# HPE BladeSystem ProLiant Server Blades

## c-Class Enclosure firmware versions

Product	Component Version Supported	Firmware Version Supported
Onboard Administrator	4.60 <sup>1</sup>	4.60 <sup>1</sup>
Virtual Connect	4.50 <sup>1</sup>	4.50 <sup>1</sup>

## System ROM and iLO versions for BL-Series

Product	ROM - Version	iLO - Version Supported
<a href="#">BL2x220c G6</a>	I26 – 2015.08.16 <sup>1</sup>	iLO2 – 2.29 <sup>1</sup>
<a href="#">BL280c G6</a>	I22 – 2015.08.16 <sup>1</sup>	iLO2 – 2.29 <sup>1</sup>
<a href="#">BL420c Gen8</a> <sup>2</sup>	I30 – 2014.11.03 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>
<a href="#">BL460c</a>	I15 – 2011.05.02	iLO2 – 2.29 <sup>1</sup>
<a href="#">BL460c G6</a>	I24 – 2015.08.16 <sup>1</sup>	iLO2 – 2.29 <sup>1</sup>
<a href="#">BL460c G7</a>	I27 – 2015.08.16 <sup>1</sup>	iLO3 – 1.87 <sup>1</sup>
<a href="#">BL460c Gen8</a> <sup>7</sup>	I31 – 2015.06.01 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>
<a href="#">BL460c Gen9</a>	I36 – 2.30_09-12-2016	iLO4 – 2.50 <sup>1</sup>
<a href="#">BL465c G6</a>	A13 – 2011.05.02	iLO2 – 2.29 <sup>1</sup>
<a href="#">BL465c G7</a> <sup>6</sup>	A19 – 2014.02.02 <sup>1</sup>	iLO3 – 1.87 <sup>1</sup>
<a href="#">BL465c Gen8</a> <sup>(5)(10)</sup>	A26 – 2016.03.07 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>
<a href="#">BL480c</a>	I14 – 2011.05.02	iLO2 – 2.29 <sup>1</sup>
<a href="#">BL490c G6</a>	I21 – 2015.08.16 <sup>1</sup>	iLO2 – 2.29 <sup>1</sup>
<a href="#">BL490c G7</a>	I28 – 2015.08.16 <sup>1</sup>	iLO3 – 1.87 <sup>1</sup>
<a href="#">BL495c G6</a>	A14 – 2011.05.02	iLO2 – 2.29 <sup>1</sup>
<a href="#">BL620c G7</a>	I25 – 2015.08.16 <sup>1</sup>	iLO3 – 1.87 <sup>1</sup>
<a href="#">BL660c Gen8</a>	I32 – 2015.12.01 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>
<a href="#">BL660c Gen9</a>	I38 – 2.30_09-12-2016	iLO4 – 2.50 <sup>1</sup>
<a href="#">BL680c G7</a>	I25 – 2015.08.16 <sup>1</sup>	iLO3 – 1.87 <sup>1</sup>
<a href="#">BL685c G6</a>	A17 – 2011.05.02 <sup>1</sup>	iLO2 – 2.29 <sup>1</sup>
<a href="#">BL685c G7</a> <sup>(5)(6)(10)</sup>	A20 – 2016.03.07 <sup>1</sup>	iLO3 – 1.87 <sup>1</sup>

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

# HPE ProLiant DL Rack Mount Servers

## System ROM and iLO versions for HPE ProLiant DL rack mount servers

Product	ROM - Version	iLO - Version Supported
<a href="#">DL20 Gen9</a>	U22 - 1.80_09-12-2016 <sup>1</sup>	iLO4 - 2.50 <sup>1</sup>
<a href="#">DL60 Gen9</a>	U15 - 2.30_09-12-2016 <sup>1</sup>	iLO4 - 2.50 <sup>1</sup>
<a href="#">DL80 Gen9</a>	U15 - 2.30_09-12-2016 <sup>1</sup>	iLO4 - 2.50 <sup>1</sup>
<a href="#">DL120 Gen9</a>	P86 - 2.30_09-12-2016 <sup>1</sup>	iLO4 - 2.50 <sup>1</sup>
<a href="#">DL160 Gen8</a>	J03 - 2014.08.02 <sup>1</sup>	iLO4 - 2.50 <sup>1</sup>
<a href="#">DL160 Gen9</a>	U20 - 2.30_09-12-2016 <sup>1</sup>	iLO4 - 2.50 <sup>1</sup>
<a href="#">DL180 Gen9</a>	U20 - 2.30_09-12-2016 <sup>1</sup>	iLO4 - 2.50 <sup>1</sup>
<a href="#">DL320 G6</a>	W07 - 2015.08.16 <sup>1</sup>	iLO2 - 2.29 <sup>1</sup>
<a href="#">DL320e Gen8<sup>4</sup></a>	J05 - 2013.11.09 <sup>1</sup>	iLO4 - 2.50 <sup>1</sup>
<a href="#">DL320e Gen8 v2</a>	P80 - 2015.04.02 <sup>1</sup>	iLO4 - 2.50 <sup>1</sup>
<a href="#">DL360 G6</a>	P64 - 2015.08.16 <sup>1</sup>	iLO2 - 2.29 <sup>1</sup>
<a href="#">DL360 G7</a>	P68 - 2015.08.16 <sup>1</sup>	iLO3 - 1.88 <sup>1</sup>
<a href="#">DL360e Gen8</a>	P73 - 2014.08.02 <sup>1</sup>	iLO4 - 2.50 <sup>1</sup>
<a href="#">DL360p Gen8<sup>7</sup></a>	P71 - 2015.07.01 <sup>1</sup>	iLO4 - 2.50 <sup>1</sup>
<a href="#">DL360p Gen8 SE</a>	P71 - 2015.07.01 <sup>1</sup>	iLO4 - 2.50 <sup>1</sup>
<a href="#">DL360 Gen9</a>	P89 - 2.30_09-13-2016 <sup>1</sup>	iLO4 - 2.50 <sup>1</sup>
<a href="#">DL370 G6</a>	P63 - 2015.08.16 <sup>1</sup>	iLO2 - 2.29 <sup>1</sup>
<a href="#">DL380 G6</a>	P62 - 2015.08.16 <sup>1</sup>	iLO2 - 2.29 <sup>1</sup>
<a href="#">DL380 G7</a>	P67 - 2015.08.16 <sup>1</sup>	iLO3 - 1.88 <sup>1</sup>
<a href="#">DL380e Gen8</a>	P73 - 2014.08.02 <sup>1</sup>	iLO4 - 2.50 <sup>1</sup>
<a href="#">DL380p Gen8<sup>7</sup></a>	P70 - 2015.07.01 <sup>1</sup>	iLO4 - 2.50 <sup>1</sup>
<a href="#">DL380 Gen9</a>	P89 - 2.30_09-13-2016 <sup>1</sup>	iLO4 - 2.50 <sup>1</sup>
<a href="#">DL385 G6</a>	A22 - 2011.05.02	iLO2 - 2.29 <sup>1</sup>
<a href="#">DL385 G7<sup>6</sup></a>	A18 - 2014.02.02 <sup>1</sup>	iLO3 - 1.88 <sup>1</sup>
<a href="#">DL385p Gen8<sup>5</sup></a>	A28 - 2016.03.07 <sup>1</sup>	iLO4 - 2.50 <sup>1</sup>
<a href="#">DL560 Gen8</a>	P77 - 2014.08.03 <sup>1</sup>	iLO4 - 2.50 <sup>1</sup>
<a href="#">DL560 Gen9</a>	P85 - 2.30_09-12-2016	iLO4 - 2.50 <sup>1</sup>
<a href="#">DL580 G7</a>	P65 - 2015.08.16 <sup>1</sup>	iLO3 - 1.88 <sup>1</sup>
<a href="#">DL580 Gen8</a>	P79 - 1.96_08-18-2016 <sup>1</sup>	iLO4 - 2.50 <sup>1</sup>
<a href="#">DL580 Gen9</a>	U17 - 2.30_09-12-2016	iLO4 - 2.50 <sup>1</sup>
<a href="#">DL585 G6</a>	A07 - 2011.05.02	iLO2 - 2.29 <sup>1</sup>
<a href="#">DL585 G7<sup>(5)(6)</sup></a>	A16 - 2016.03.07 <sup>1</sup>	iLO3 - 1.88 <sup>1</sup>
<a href="#">DL785 G6</a>	A15 - 2011.05.02 <sup>1</sup>	iLO2 - 2.29 <sup>1</sup>
<a href="#">DL980 G7</a>	P66 - 2015.08.16 <sup>1</sup>	iLO3 - 1.88 <sup>1</sup>

# HPE ProLiant ML Servers

## System ROM and iLO versions for HPE ProLiant ML servers

Product	ROM - Version	iLO - Version Supported
<a href="#">ML10 V2</a>	J10 - 2015.02.02 <sup>2</sup>	iLO4 - 2.50 <sup>1</sup>
<a href="#">ML110 Gen9</a>	P99 - 2.30_09-12-2016 <sup>1</sup>	iLO4 - 2.50 <sup>1</sup>
<a href="#">ML150 Gen9</a>	P95 - 2.30_09-12-2016 <sup>1</sup>	iLO4 - 2.50 <sup>1</sup>
<a href="#">ML310e Gen8<sup>4</sup></a>	J04 - 2013.11.09 <sup>1</sup>	iLO4 - 2.50 <sup>3</sup>

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>3</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<a href="#">ML310e Gen8 v2</a>	P78 – 2014.03.28 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>
<a href="#">ML330 G6</a>	W07 – 2015.08.16 <sup>1</sup>	iLO2 - 2.29 <sup>1</sup>
<a href="#">ML350 G6</a>	D22 – 2013.07.02	iLO2 - 2.29 <sup>1</sup>
<a href="#">ML350e Gen8</a>	J02 - 2014.08.02 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>
<a href="#">ML350e Gen8 v2<sup>2</sup></a>	J02 - 2014.08.02 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>
<a href="#">ML350p Gen8<sup>7</sup></a>	P72 - 2015.07.01 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>
<a href="#">ML350 Gen9</a>	P92 – 2.30_09-12-2016 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>
<a href="#">ML370 G6</a>	P63 – 2015.08.16 <sup>1</sup>	iLO2 - 2.29 <sup>1</sup>

## HPE ProLiant MicroServers

### System ROM and iLO versions for HPE ProLiant MicroServers

Product	ROM - Version	iLO – Version Supported
<a href="#">MicroServer Gen8<sup>3</sup></a>	J06 – 2015.11.02 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>



## HPE ProLiant SL Servers

### System ROM and iLO versions for HPE ProLiant ML servers

Product	ROM - Version	iLO – Version Supported
<a href="#">SL230s Gen8<sup>7</sup></a>	P75 – 2015.07.01 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>
<a href="#">SL250s Gen8<sup>7</sup></a>	P75 – 2015.07.01 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>
<a href="#">SL270s Gen8<sup>7</sup></a>	P75 – 2015.07.01 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>
<a href="#">SL390s G7</a>	P69 – 2015.08.16 <sup>1</sup>	iLO3 - 1.88 <sup>1</sup>
<a href="#">SL4545 G7</a>	A31 – 2013.11.02 <sup>1</sup>	iLO3 - 1.88 <sup>1</sup>
<a href="#">SL4540 Gen8<sup>2</sup></a>	P74 – 2014.11.01 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>
<a href="#">SL210t Gen8<sup>7</sup></a>	P83 – 2016.01.18 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>

## HPE ProLiant XL Servers

### System ROM and iLO versions for HPE ProLiant XL servers

Product	ROM - Version	iLO – Version Supported
<a href="#">XL170r Gen9</a>	U14 – 2.30_09-12-2016 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>
<a href="#">XL190r Gen9</a>	U14 – 2.30_09-12-2016 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>
<a href="#">XL220a Gen8 v2</a>	P94 – 2015.01.26 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>
<a href="#">XL230a Gen9</a>	U13 – 2.30_09-12-2016 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>
<a href="#">XL250a Gen9</a>	U13 – 2.30_09-12-2016 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>
<a href="#">XL420 Gen9</a>	U19 – 2.30_09-12-2016 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>
<a href="#">XL450 Gen9</a>	U21 – 2.30_09-12-2016 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

# HPE ProLiant WS Servers

## System ROM and iLO versions for HPE ProLiant WS servers

Product	ROM - Version	iLO – Version Supported
<a href="#">WS460c Gen8</a>	I31 – 2015.06.01 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>
<a href="#">WS460c Gen9</a>	I36 – 2.30_09-12-2016 <sup>1</sup>	iLO4 – 2.50 <sup>1</sup>

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hpe.com/servers/spp/download](http://www.hpe.com/servers/spp/download).

<sup>2</sup> Includes support for the Intel Xeon E5-2400 v2 processors

<sup>3</sup> Includes support for the Intel Xeon E3-1220L v2 processors. Pentium and Celeron are not supported.

<sup>4</sup> Xeon E3 and Core i3 processors are supported. Pentium is not supported

<sup>5</sup> Includes support for AMD Opteron™ 6300 Series processors

<sup>6</sup> Includes support for AMD Opteron™ 6200 Series

<sup>7</sup> Includes support for Intel Xeon processor E5-2600v2

For detailed information on supported processors for each of these servers, please refer to the [VMware Compatibility Guide](#)

# HPE SmartArray controllers

## Driver and firmware versions for HPE SmartArray controllers

Product	Driver Type	ESXi Version	Current Driver Recommended	Current FW Recommended
HP Smart Array P220i Controller	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	8.00 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
HP Smart Array P222 Controller	nhpsa	ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	8.00 <sup>1</sup>
		ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	
HP Smart Array P420i Controller	hpsa	ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	8.00 <sup>1</sup>
		ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
HP Smart Array P420 Controller	nhpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	8.00 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
HP Smart Array P421 Controller	hpsa	ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	8.00 <sup>1</sup>
		ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
HP Smart Array P721m Controller	nhpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	8.00 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
HP Smart Array P822	hpsa	ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	8.00 <sup>1</sup>
		ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
Smart Array P212	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	6.64 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
Smart Array P410	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	6.64 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
Smart Array P410i	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	6.64 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
Smart Array P411	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	6.64 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
Smart Array P711m	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	6.64 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
Smart Array P712m	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	6.64 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
Smart Array P812	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	6.64 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
Smart Array P700m	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	7.24 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
Smart Array P430i	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	4.04 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
Smart Array P430	nhpsa	ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	4.04 <sup>1</sup>
		ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	
Smart Array P431	hpsa	ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	4.04 <sup>1</sup>
		ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
Smart Array P731m	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	4.04 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>11</sup> The recommended driver for this device has been updated. Please refer to the following customer advisory for more information on this support update: [http://h20564.www2.hp.com/hpsc/doc/public/display?docId=emr\\_na-c05348609](http://h20564.www2.hp.com/hpsc/doc/public/display?docId=emr_na-c05348609)

<sup>12</sup> The recommended driver for this device has been updated. Please refer to the following customer advisory for more information on this support update: [http://h20566.www2.hp.com/hpsc/doc/public/display?docId=emr\\_na-a00003625en\\_us](http://h20566.www2.hp.com/hpsc/doc/public/display?docId=emr_na-a00003625en_us)

	nhpsa	ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
P230i	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	4.04 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
	nhpsa	ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
P830	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	4.04 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
	nhpsa	ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
P830i	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	4.04 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
	nhpsa	ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
P244br	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	4.52 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
	nhpsa	ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
P440ar	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	4.52 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
	nhpsa	ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
P440	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	4.52 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
	nhpsa	ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
P441	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	4.52 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
	nhpsa	ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
P840	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	4.52 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
	nhpsa	ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
H240ar	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	4.52 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
	nhpsa	ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
H240	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	4.52 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
	nhpsa	ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
H241	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	4.52 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
	nhpsa	ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
H244br	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	4.52 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
	nhpsa	ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
P246br	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	4.52 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
	nhpsa	ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
P741m	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	4.52 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
	nhpsa	ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
P841	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	4.52 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
	nhpsa	ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
P840ar	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	4.52 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
	nhpsa	ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
H240nr	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	4.52 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>11</sup> The recommended driver for this device has been updated. Please refer to the following customer advisory for more information on this support update: [http://h20564.www2.hp.com/hpsc/doc/public/display?docid=emr\\_na-c05348609](http://h20564.www2.hp.com/hpsc/doc/public/display?docid=emr_na-c05348609)

<sup>12</sup> The recommended driver for this device has been updated. Please refer to the following customer advisory for more information on this support update: [http://h20566.www2.hp.com/hpsc/doc/public/display?docid=emr\\_na-a00003625en\\_us](http://h20566.www2.hp.com/hpsc/doc/public/display?docid=emr_na-a00003625en_us)

	nhpsa	ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
P240nr	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	4.52 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
	nhpsa	ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	
P542D	hpsa	ESXi 5.5	<a href="#">5.5.0.124</a> <sup>11</sup>	4.52 <sup>1</sup>
		ESXi 6.0	<a href="#">6.0.0.124</a> <sup>11</sup>	
	nhpsa	ESXi 6.5	<a href="#">2.0.14</a> <sup>12</sup>	

#### Driver and firmware versions for HPE Dynamic SmartArray controllers

Product	Driver Type	ESXi Version	Current Driver Recommended	Current FW Recommended
HP Dynamic Smart Array B120i Controller	hpsa	ESXi 5.5/6.0	<a href="#">5.5.0-100</a> <sup>8</sup>	N/A
		ESXi 6.5	<a href="#">5.5.0-102</a>	
HP Dynamic Smart Array B320i Controller	hpsa	ESXi 5.5/6.0	<a href="#">5.5.0-100</a> <sup>8</sup>	15.10.09.00 <sup>1</sup>
		ESXi 6.5	<a href="#">5.5.0-102</a>	
HP Dynamic Smart Array B140i Controller	hpdsa	ESXi 5.5/6.0	<a href="#">5.5.0.52</a> <sup>8</sup>	N/A
		ESXi 6.5	<a href="#">5.5.0.54</a>	

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>11</sup> The recommended driver for this device has been updated. Please refer to the following customer advisory for more information on this support update: [http://h20564.www2.hp.com/hpsc/doc/public/display?docId=emr\\_na-c05348609](http://h20564.www2.hp.com/hpsc/doc/public/display?docId=emr_na-c05348609)

<sup>12</sup> The recommended driver for this device has been updated. Please refer to the following customer advisory for more information on this support update: [http://h20566.www2.hp.com/hpsc/doc/public/display?docId=emr\\_na-a00003625en\\_us](http://h20566.www2.hp.com/hpsc/doc/public/display?docId=emr_na-a00003625en_us)

## HPE Broadcom based networking

### Driver and firmware versions for HPE Broadcom based NIC devices

Product	Driver Type	ESXi Version	Current Driver Recommended	Current FW Recommended
330i	tg3	ESXi 5.5	<a href="#">3.137L.v55.1</a> <sup>8</sup>	1.65 <sup>1</sup>
		ESXi 6.0	<a href="#">3.137L.v60.1</a> <sup>8</sup>	
331i	ntg3	ESXi 6.5	4.1.0.0 (Inbox)	1.46 <sup>1</sup>
		ESXi 5.5	<a href="#">3.137L.v55.1</a> <sup>8</sup>	
331FLR	tg3	ESXi 6.0	<a href="#">3.137L.v60.1</a> <sup>8</sup>	1.46 <sup>1</sup>
		ESXi 5.5	<a href="#">3.137L.v55.1</a> <sup>8</sup>	
331T	ntg3	ESXi 6.5	4.1.0.0 (Inbox)	1.46 <sup>1</sup>
		ESXi 5.5	<a href="#">3.137L.v55.1</a> <sup>8</sup>	
332T	tg3	ESXi 6.0	<a href="#">3.137L.v60.1</a> <sup>8</sup>	1.39 <sup>1</sup>
		ESXi 5.5	<a href="#">3.137L.v55.1</a> <sup>8</sup>	
332i	ntg3	ESXi 6.5	4.1.0.0 (Inbox)	1.39 <sup>1</sup>
		ESXi 5.5	<a href="#">3.137L.v55.1</a> <sup>8</sup>	
332i	tg3	ESXi 6.0	<a href="#">3.137L.v60.1</a> <sup>8</sup>	1.39 <sup>1</sup>
		ESXi 5.5	<a href="#">3.137L.v55.1</a> <sup>8</sup>	

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

# HPE Brocade based networking

## Driver and firmware versions for HPE Brocade based Fibre Channel devices

Product	Driver Type	ESXi Version	Current Driver Recommended	Current FW Recommended
81B	bfa	ESXi 5.5/6.0	<a href="#">3.2.6.0</a> <sup>8</sup>	3.2.5.0 <sup>1</sup>
82B	bfa	ESXi 5.5/6.0	<a href="#">3.2.6.0</a> <sup>8</sup>	3.2.5.0 <sup>1</sup>
804	bfa	ESXi 5.5/6.0	<a href="#">3.2.6.0</a> <sup>8</sup>	3.2.5.0 <sup>1</sup>

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<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

# HPE Emulex based networking

## Driver and firmware versions for HPE Emulex based NIC devices

Product	Driver Type	ESXi Version	Current Driver Recommended	Current FW Recommended
CN1100E	elxnet	ESXi 5.5	<a href="#">11.1.145.0<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.145.0<sup>8</sup></a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
NC551i <sup>10</sup>	elxnet	ESXi 5.5	<a href="#">10.7.110.13</a>	4.9.416.15 <sup>1</sup>
		ESXi 6.0	<a href="#">10.7.110.13</a>	
NC552m	elxnet	ESXi 5.5	<a href="#">11.1.145.0<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.145.0<sup>8</sup></a>	
552M	elxnet	ESXi 5.5	<a href="#">11.1.145.0<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.145.0<sup>8</sup></a>	
NC552SFP	elxnet	ESXi 5.5	<a href="#">11.1.145.0<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.145.0<sup>8</sup></a>	
NC553i	elxnet	ESXi 5.5	<a href="#">11.1.145.0<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.145.0<sup>8</sup></a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
NC553m	elxnet	ESXi 5.5	<a href="#">11.1.145.0<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.145.0<sup>8</sup></a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
554FLB	elxnet	ESXi 5.5	<a href="#">11.1.145.0<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.145.0<sup>8</sup></a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
554FLR-SFP+	elxnet	ESXi 5.5	<a href="#">11.1.145.0<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.145.0<sup>8</sup></a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
554M	elxnet	ESXi 5.5	<a href="#">11.1.145.0<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.145.0<sup>8</sup></a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
556FLR-SFP+	elxnet	ESXi 5.5	<a href="#">11.1.145.0<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.145.0<sup>8</sup></a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
556FLR-T	elxnet	ESXi 5.5	<a href="#">11.1.145.0<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.145.0<sup>8</sup></a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
556FLB	elxnet	ESXi 5.5	<a href="#">11.1.145.0<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.145.0<sup>8</sup></a>	
557SFP+	elxnet	ESXi 5.5	<a href="#">11.1.145.0<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.145.0<sup>8</sup></a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
650FLB	elxnet	ESXi 5.5	<a href="#">11.1.145.0<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.145.0<sup>8</sup></a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
650M	elxnet	ESXi 5.5	<a href="#">11.1.145.0<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.145.0<sup>8</sup></a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
CN1200E	elxnet	ESXi 5.5	<a href="#">11.1.145.0<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.145.0<sup>8</sup></a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>10</sup> This device is not supported with the current ESXi HPE custom images. Customers will need to use the April 2016 Recipe and deliverables on [vibsdepot.hpe.com](http://vibsdepot.hpe.com) to create their own custom image. To create a custom image please see the Getting Started section on [vibsdepot.hpe.com](http://vibsdepot.hpe.com).



CN1200E-T	elxnet	ESXi 5.5	<a href="#">11.1.145.0<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.145.0<sup>8</sup></a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
Synergy 3520C	elxnet	ESXi 5.5	<a href="#">11.1.145.0<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.145.0<sup>8</sup></a>	

#### Driver and firmware versions for HPE Emulex based iSCSI devices

Product	Driver Type	ESXi Version	Current Driver Recommended	Current FW Recommended
CN1100E	be2iscsi	ESXi 5.5	<a href="#">11.1.145.8<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.145.8<sup>8</sup></a>	
NC551i <sup>10</sup>	be2iscsi	ESXi 6.5	<a href="#">11.1.216.0</a>	4.9.416.15 <sup>1</sup>
		ESXi 5.5	<a href="#">10.7.110.10</a>	
NC553i	be2iscsi	ESXi 6.0	<a href="#">10.7.110.10</a>	11.1.183.23 <sup>1</sup>
		ESXi 5.5	<a href="#">11.1.145.8<sup>8</sup></a>	
NC553m	be2iscsi	ESXi 6.0	<a href="#">11.1.145.8<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 5.5	<a href="#">11.1.145.8<sup>8</sup></a>	
554FLB	be2iscsi	ESXi 6.5	<a href="#">11.1.216.0</a>	11.1.183.23 <sup>1</sup>
		ESXi 5.5	<a href="#">11.1.145.8<sup>8</sup></a>	
554FLR-SFP+	be2iscsi	ESXi 6.0	<a href="#">11.1.145.8<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 5.5	<a href="#">11.1.145.8<sup>8</sup></a>	
554M	be2iscsi	ESXi 6.5	<a href="#">11.1.216.0</a>	11.1.183.23 <sup>1</sup>
		ESXi 5.5	<a href="#">11.1.145.8<sup>8</sup></a>	
556FLR-SFP+	be2iscsi	ESXi 6.0	<a href="#">11.1.145.8<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 5.5	<a href="#">11.1.145.8<sup>8</sup></a>	
556FLR-T	be2iscsi	ESXi 6.5	<a href="#">11.1.216.0</a>	11.1.183.23 <sup>1</sup>
		ESXi 5.5	<a href="#">11.1.145.8<sup>8</sup></a>	
556FLB	be2iscsi	ESXi 6.0	<a href="#">11.1.145.8<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 5.5	<a href="#">11.1.145.8<sup>8</sup></a>	
650FLB	be2iscsi	ESXi 6.5	<a href="#">11.1.216.0</a>	11.1.183.23 <sup>1</sup>
		ESXi 5.5	<a href="#">11.1.145.8<sup>8</sup></a>	
650M	be2iscsi	ESXi 6.0	<a href="#">11.1.145.8<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 5.5	<a href="#">11.1.145.8<sup>8</sup></a>	
CN1200E	be2iscsi	ESXi 6.5	<a href="#">11.1.216.0</a>	11.1.183.23 <sup>1</sup>
		ESXi 5.5	<a href="#">11.1.145.8<sup>8</sup></a>	
CN1200E-T	be2iscsi	ESXi 6.0	<a href="#">11.1.145.8<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 5.5	<a href="#">11.1.145.8<sup>8</sup></a>	
Synergy 3520C	be2iscsi	ESXi 6.5	<a href="#">11.1.216.0</a>	11.1.183.23 <sup>1</sup>
		ESXi 5.5	<a href="#">11.1.145.8<sup>8</sup></a>	

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>10</sup> This device is not supported with the current ESXi HPE custom images. Customers will need to use the April 2016 Recipe and deliverables on [vibsdepot.hpe.com](http://vibsdepot.hpe.com) to create their own custom image. To create a custom image please see the Getting Started section on [vibsdepot.hpe.com](http://vibsdepot.hpe.com).

## Driver and firmware versions for HPE Emulex based FC/FCoE devices

Product	Driver Type	ESXi Version	Current Driver Recommended	Current FW Recommended
81E Emulex LPe1 2000	lpfc	ESXi 5.5	<a href="#">11.1.145.18<sup>8</sup></a>	2.03x6 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
82E Emulex LPe12002	lpfc	ESXi 5.5	<a href="#">11.1.145.18<sup>8</sup></a>	2.03x6 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
84E	lpfc	ESXi 5.5	<a href="#">11.1.145.18<sup>8</sup></a>	2.03x6 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
LPe1205	lpfc	ESXi 5.5	<a href="#">11.1.145.18<sup>8</sup></a>	2.03X6 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
LPe1605	lpfc	ESXi 5.5	<a href="#">11.1.145.18<sup>8</sup></a>	11.1.183.21 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
SN1000E	lpfc	ESXi 5.5	<a href="#">11.1.145.18<sup>8</sup></a>	11.1.183.21 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
LPe1205A	lpfc	ESXi 5.5	<a href="#">11.1.145.18<sup>8</sup></a>	2.03X6 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
CN1100E	lpfc	ESXi 5.5	<a href="#">11.1.145.18<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
NC551i <sup>10</sup>	lpfc	ESXi 5.5	<a href="#">10.7.110.4</a>	4.9.416.15 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
NC553i	lpfc	ESXi 5.5	<a href="#">11.1.145.18<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
NC553m	lpfc	ESXi 5.5	<a href="#">11.1.145.18<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
554FLB	lpfc	ESXi 5.5	<a href="#">11.1.145.18<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
554M	lpfc	ESXi 5.5	<a href="#">11.1.145.18<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
554FLR-SFP+	lpfc	ESXi 5.5	<a href="#">11.1.145.18<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
SN1100E	lpfc	ESXi 5.5	<a href="#">11.1.145.18<sup>8</sup></a>	11.1.183.21 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
556FLR-SFP+	lpfc	ESXi 5.5	<a href="#">11.1.145.18<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
556FLR-T	lpfc	ESXi 5.5	<a href="#">11.1.145.18<sup>8</sup></a>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>10</sup> This device is not supported with the current ESXi HPE custom images. Customers will need to use the April 2016 Recipe and deliverables on [vibsdepot.hpe.com](http://vibsdepot.hpe.com) to create their own custom image. To create a custom image please see the Getting Started section on [vibsdepot.hpe.com](http://vibsdepot.hpe.com).

		ESXi 6.5	<a href="#">11.1.196.3</a>	
556FLB	lpfc	ESXi 5.5	<a href="#">11.1.145.18</a> <sup>8</sup>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
650FLB	lpfc	ESXi 5.5	<a href="#">11.1.145.18</a> <sup>8</sup>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
650M	lpfc	ESXi 5.5	<a href="#">11.1.145.18</a> <sup>8</sup>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
CN1200E	lpfc	ESXi 5.5	<a href="#">11.1.145.18</a> <sup>8</sup>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
CN1200E-T	lpfc	ESXi 5.5	<a href="#">11.1.145.18</a> <sup>8</sup>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	
Synergy 3520C	lpfc	ESXi 5.5	<a href="#">11.1.145.18</a> <sup>8</sup>	11.1.183.23 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
Synergy 3530C	lpfc	ESXi 5.5	<a href="#">11.1.145.18</a> <sup>8</sup>	11.1.183.21 <sup>1</sup>
		ESXi 6.0	<a href="#">11.1.183.43</a>	
		ESXi 6.5	<a href="#">11.1.196.3</a>	

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

# HPE Intel based networking

## Driver and firmware versions for HPE Intel based NIC devices

Product	Driver Type	ESXi Version	Current Driver Recommended	Current FW Recommended
NC365T	igb	ESXi 5.5/6.0	<a href="#">5.3.2<sup>8</sup></a>	1.1200.0 <sup>1</sup>
361i	igb	ESXi 5.5/6.0	<a href="#">5.3.2<sup>8</sup></a>	1.1200.0 <sup>1</sup>
	igbn	ESXi 6.5	0.1.0.0-12 (Inbox)	
361T	igb	ESXi 5.5/6.0	<a href="#">5.3.2<sup>8</sup></a>	1.1200.0 <sup>1</sup>
	igbn	ESXi 6.5	0.1.0.0-12 (Inbox)	
361FLB	igb	ESXi 5.5/6.0	<a href="#">5.3.2<sup>8</sup></a>	1.1200.0 <sup>1</sup>
	igbn	ESXi 6.5	0.1.0.0-12 (Inbox)	
366i	igb	ESXi 5.5/6.0	<a href="#">5.3.2<sup>8</sup></a>	1.1200.0 <sup>1</sup>
	igbn	ESXi 6.5	0.1.0.0-12 (Inbox)	
366M	igb	ESXi 5.5/6.0	<a href="#">5.3.2<sup>8</sup></a>	1.1200.0 <sup>1</sup>
	igbn	ESXi 6.5	0.1.0.0-12 (Inbox)	
366FLR	igb	ESXi 5.5/6.0	<a href="#">5.3.2<sup>8</sup></a>	1.1200.0 <sup>1</sup>
	igbn	ESXi 6.5	0.1.0.0-12 (Inbox)	
363i	igb	ESXi 5.5/6.0	<a href="#">5.3.2<sup>8</sup></a>	1.1200.0 <sup>1</sup>
	igbn	ESXi 6.5	0.1.0.0-12 (Inbox)	
364i	igb	ESXi 5.5/6.0	<a href="#">5.3.2<sup>8</sup></a>	1.1200.0 <sup>1</sup>
	igbn	ESXi 6.5	0.1.0.0-12 (Inbox)	
367i	igb	ESXi 5.5/6.0	<a href="#">5.3.2<sup>8</sup></a>	1.1200.0 <sup>1</sup>
	igbn	ESXi 6.5	0.1.0.0-12 (Inbox)	
366T	igb	ESXi 5.5/6.0	<a href="#">5.3.2<sup>8</sup></a>	1.1200.0 <sup>1</sup>
	igbn	ESXi 6.5	0.1.0.0-12 (Inbox)	
560SFP+	ixgbe	ESXi 5.5/6.0	<a href="#">4.1.1.4<sup>8</sup></a>	1.1200.0 <sup>1</sup>
	ixgbe	ESXi 6.5	3.7.13.7.14iov-20 (Inbox)	
560M	ixgbe	ESXi 5.5/6.0	<a href="#">4.1.1.4<sup>8</sup></a>	1.1200.0 <sup>1</sup>
	ixgbe	ESXi 6.5	3.7.13.7.14iov-20 (Inbox)	
560FLB	ixgbe	ESXi 5.5/6.0	<a href="#">4.1.1.4<sup>8</sup></a>	1.1200.0 <sup>1</sup>
	ixgbe	ESXi 6.5	3.7.13.7.14iov-20 (Inbox)	
560FLR-SFP+	ixgbe	ESXi 5.5/6.0	<a href="#">4.1.1.4<sup>8</sup></a>	1.1200.0 <sup>1</sup>
	ixgbe	ESXi 6.5	3.7.13.7.14iov-20 (Inbox)	
561FLR-T	ixgbe	ESXi 5.5/6.0	<a href="#">4.1.1.4<sup>8</sup></a>	1.1200.0 <sup>1</sup>
	ixgbe	ESXi 6.5	3.7.13.7.14iov-20 (Inbox)	
561T	ixgbe	ESXi 5.5/6.0	<a href="#">4.1.1.4<sup>8</sup></a>	1.1200.0 <sup>1</sup>
	ixgbe	ESXi 6.5	3.7.13.7.14iov-20 (Inbox)	
562i	ixgbe	ESXi 5.5/6.0	<a href="#">4.1.1.4<sup>8</sup></a>	1.1200.0 <sup>1</sup>
	ixgbe	ESXi 6.5	3.7.13.7.14iov-20 (Inbox)	
562FLR-SFP+	i40e	ESXi 5.5/6.0	<a href="#">1.3.45<sup>8</sup></a>	1.1200.0 <sup>1</sup>
	i40en	ESXi 6.5	1.1.0-1 (Inbox)	
562SFP+	i40e	ESXi 5.5/6.0	<a href="#">1.3.45<sup>8</sup></a>	1.1200.0 <sup>1</sup>
	i40en	ESXi 6.5	1.1.0-1 (Inbox)	

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).



## HPE LSI based storage

### Driver and firmware versions for HPE LSI based storage devices

Product	Driver Type	ESXi Version	Current Driver Recommended	Current FW Recommended
H220i	mpt2sas	ESXi 5.5/6.0/6.5	<a href="#">15.10.06.00.1</a> <sup>8</sup>	15.10.09.00 <sup>1</sup>
H220	mpt2sas	ESXi 5.5/6.0/6.5	<a href="#">15.10.06.00.1</a> <sup>8</sup>	15.10.09.00 <sup>1</sup>
H221	mpt2sas	ESXi 5.5/6.0/6.5	<a href="#">15.10.06.00.1</a> <sup>8</sup>	15.10.09.00 <sup>1</sup>
H222	mpt2sas	ESXi 5.5/6.0/6.5	<a href="#">15.10.06.00.1</a> <sup>8</sup>	15.10.09.00 <sup>1</sup>
H210i	mpt2sas	ESXi 5.5/6.0	<a href="#">15.10.06.00.1</a> <sup>8</sup>	15.10.09.00 <sup>1</sup>

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

# HPE Mellanox based networking

## Driver and firmware versions for HPE Mellanox based NIC devices

Product	Driver Type	ESXi Version	Current Driver Recommended	Current FW Recommended
544M	mlx4	ESXi 5.5	<a href="#">1.9.9.4<sup>8</sup></a>	2.36.5000 <sup>1</sup>
	nmlx4	ESXi 6.0	<a href="#">3.15.2.0<sup>8</sup></a>	
		ESXi 6.5	3.16.0.0-1 (Inbox)	
544+M	mlx4	ESXi 5.5	<a href="#">1.9.9.4<sup>8</sup></a>	2.36.5000 <sup>1</sup>
	nmlx4	ESXi 6.0	<a href="#">3.15.2.0<sup>8</sup></a>	
		ESXi 6.5	3.16.0.0-1 (Inbox)	
544QSFP	mlx4	ESXi 5.5	<a href="#">1.9.9.4<sup>8</sup></a>	2.36.5000 <sup>1</sup>
	nmlx4	ESXi 6.0	<a href="#">3.15.2.0<sup>8</sup></a>	
		ESXi 6.5	3.16.0.0-1 (Inbox)	
544+QSFP	mlx4	ESXi 5.5	<a href="#">1.9.9.4<sup>8</sup></a>	2.36.5000 <sup>1</sup>
	nmlx4	ESXi 6.0	<a href="#">3.15.2.0<sup>8</sup></a>	
		ESXi 6.5	3.16.0.0-1 (Inbox)	
544FLR-QSFP	mlx4	ESXi 5.5	<a href="#">1.9.9.4<sup>8</sup></a>	2.36.5000 <sup>1</sup>
	nmlx4	ESXi 6.0	<a href="#">3.15.2.0<sup>8</sup></a>	
		ESXi 6.5	3.16.0.0-1 (Inbox)	
544+FLR-QSFP	mlx4	ESXi 5.5	<a href="#">1.9.9.4<sup>8</sup></a>	2.36.5000 <sup>1</sup>
	nmlx4	ESXi 6.0	<a href="#">3.15.2.0<sup>8</sup></a>	
		ESXi 6.5	3.16.0.0-1 (Inbox)	
546SFP+	mlx4	ESXi 5.5	<a href="#">1.9.9.4<sup>8</sup></a>	2.36.5000 <sup>1</sup>
	nmlx4	ESXi 6.0	<a href="#">3.15.2.0<sup>8</sup></a>	
		ESXi 6.5	3.16.0.0-1 (Inbox)	
546FLR-SFP+	mlx4	ESXi 5.5	<a href="#">1.9.9.4<sup>8</sup></a>	2.36.5000 <sup>1</sup>
	nmlx4	ESXi 6.0	<a href="#">3.15.2.0<sup>8</sup></a>	
		ESXi 6.5	3.16.0.0-1 (Inbox)	
640FLR-SFP28	nmlx5	ESXi 5.5	<a href="#">4.5.4.1100<sup>8</sup></a>	14.14.2204 <sup>1</sup>
		ESXi 6.0	<a href="#">4.15.4.1100<sup>8</sup></a>	
		ESXi 6.5	4.16.0.0-1 (Inbox)	
640SFP28	nmlx5	ESXi 5.5	<a href="#">4.5.4.1100<sup>8</sup></a>	14.14.2204 <sup>1</sup>
		ESXi 6.0	<a href="#">4.15.4.1100<sup>8</sup></a>	
		ESXi 6.5	4.16.0.0-1 (Inbox)	
840QSFP28	nmlx5	ESXi 5.5	<a href="#">4.5.4.1100<sup>8</sup></a>	12.16.1038 <sup>1</sup>
		ESXi 6.0	<a href="#">4.15.4.1100<sup>8</sup></a>	
		ESXi 6.5	4.16.0.0-1 (Inbox)	

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

# HPE QLogic based networking

## Driver and firmware versions for HPE QLogic based NIC devices

Product	Driver Type	ESXi Version	Current Driver Recommended	Current FW Recommended
CN1000Q	qlcnic	ESXi 5.5	<a href="#">5.5.190<sup>8</sup></a>	4.20.1 <sup>1</sup>
		ESXi 6.0	<a href="#">6.1.191<sup>8</sup></a>	
NC523SFP	qlcnic	ESXi 5.5	<a href="#">5.5.190<sup>8</sup></a>	4.20.1 <sup>1</sup>
		ESXi 6.0	<a href="#">6.1.191<sup>8</sup></a>	
526FLR-SFP+	qlcnic	ESXi 5.5	<a href="#">5.5.190<sup>8</sup></a>	4.20.1 <sup>1</sup>
		ESXi 6.0	<a href="#">6.1.191<sup>8</sup></a>	
NC375i	nx-nic	ESXi 5.5	<a href="#">5.5.643<sup>8</sup></a>	4.0.595 <sup>9</sup>
		ESXi 6.0	<a href="#">6.0.643<sup>8</sup></a>	
NC382i	bnx2	ESXi 5.5	<a href="#">2.2.6a.v55.4<sup>8</sup></a>	5.2.3 <sup>1</sup>
		ESXi 6.0	<a href="#">2.2.6a.v60.4<sup>8</sup></a>	
NC532m	bnx2x	ESXi 5.5	<a href="#">2.713.10.v55.4<sup>8</sup></a>	6.2.28 <sup>1</sup>
		ESXi 6.0	<a href="#">2.713.10.v60.4<sup>8</sup></a>	
NC532i	bnx2x	ESXi 5.5	<a href="#">2.713.10.v55.4<sup>8</sup></a>	6.2.28 <sup>1</sup>
		ESXi 6.0	<a href="#">2.713.10.v60.4<sup>8</sup></a>	
530FLB	bnx2x	ESXi 5.5	<a href="#">2.713.10.v55.4<sup>8</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.4<sup>8</sup></a>	
530FLR-SFP+	bnx2x	ESXi 5.5	<a href="#">2.713.10.v55.4<sup>8</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0	<a href="#">2.713.10.v60.4<sup>8</sup></a>	
530M	bnx2x	ESXi 5.5	<a href="#">2.713.10.v55.4<sup>8</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.4<sup>8</sup></a>	
530SFP+	bnx2x	ESXi 5.5	<a href="#">2.713.10.v55.4<sup>8</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.4<sup>8</sup></a>	
530T	bnx2x	ESXi 5.5	<a href="#">2.713.10.v55.4<sup>8</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.4<sup>8</sup></a>	
533FLR-T	bnx2x	ESXi 5.5	<a href="#">2.713.10.v55.4<sup>8</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.4<sup>8</sup></a>	
534FLB	bnx2x	ESXi 5.5	<a href="#">2.713.10.v55.4<sup>8</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.4<sup>8</sup></a>	
534FLR-SFP+	bnx2x	ESXi 5.5	<a href="#">2.713.10.v55.4<sup>8</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.4<sup>8</sup></a>	
534M	bnx2x	ESXi 5.5	<a href="#">2.713.10.v55.4<sup>8</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.4<sup>8</sup></a>	
CN1100R	bnx2x	ESXi 5.5	<a href="#">2.713.10.v55.4<sup>8</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.4<sup>8</sup></a>	
CN1100R-T	bnx2x	ESXi 5.5	<a href="#">2.713.10.v55.4<sup>8</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.4<sup>8</sup></a>	
536FLB	bnx2x	ESXi 5.5	<a href="#">2.713.10.v55.4<sup>8</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.4<sup>8</sup></a>	
536FLR-T	bnx2x	ESXi 5.5	<a href="#">2.713.10.v55.4<sup>8</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.4<sup>8</sup></a>	

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>9</sup> This version of firmware is loaded by the driver.



630FLB	bnx2x	ESXi 5.5	<a href="#">2.713.10.v55.4<sup>B</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.4<sup>B</sup></a>	
630M	bnx2x	ESXi 5.5	<a href="#">2.713.10.v55.4<sup>B</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.4<sup>B</sup></a>	
Synergy 2820C	bnx2x	ESXi 5.5	<a href="#">2.713.10.v55.4<sup>B</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.4<sup>B</sup></a>	
Synergy 3820C	bnx2x	ESXi 5.5	<a href="#">2.713.10.v55.4<sup>B</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.4<sup>B</sup></a>	
620QSFP28	qedentv	ESXi 6.0	<a href="#">2.0.3.40<sup>B</sup></a>	8.11.1.0 <sup>1</sup>
		ESXi 6.5	<a href="#">3.0.4.13</a>	

#### Driver and firmware versions for HPE QLogic based iSCSI devices

Product	Driver Type	ESXi Version	Current Driver Recommended	Current FW Recommended
CN1000Q	qla4xxx	ESXi 5.5	<a href="#">644.55.37.0-1<sup>B</sup></a>	4.20.1 <sup>1</sup>
		ESXi 6.0	<a href="#">644.6.05.0-1<sup>B</sup></a>	
526FLR-SFP+	qla4xxx	ESXi 5.5	<a href="#">644.55.37.0-1<sup>B</sup></a>	4.20.1 <sup>1</sup>
		ESXi 6.0	<a href="#">644.6.05.0-1<sup>B</sup></a>	
533FLR-T	bnx2i	ESXi 5.5	<a href="#">2.713.10.v55.3<sup>B</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.3<sup>B</sup></a>	
534FLB	bnx2i	ESXi 5.5	<a href="#">2.713.10.v55.3<sup>B</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.3<sup>B</sup></a>	
534FLR-SFP+	bnx2i	ESXi 5.5	<a href="#">2.713.10.v55.3<sup>B</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.3<sup>B</sup></a>	
534M	bnx2i	ESXi 5.5	<a href="#">2.713.10.v55.3<sup>B</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.3<sup>B</sup></a>	
CN1100R	bnx2i	ESXi 5.5	<a href="#">2.713.10.v55.3<sup>B</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.3<sup>B</sup></a>	
CN1100R-T	bnx2i	ESXi 5.5	<a href="#">2.713.10.v55.3<sup>B</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.3<sup>B</sup></a>	
536FLB	bnx2i	ESXi 5.5	<a href="#">2.713.10.v55.3<sup>B</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.3<sup>B</sup></a>	
630FLB	bnx2i	ESXi 5.5	<a href="#">2.713.10.v55.3<sup>B</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.3<sup>B</sup></a>	
630M	bnx2i	ESXi 5.5	<a href="#">2.713.10.v55.3<sup>B</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.3<sup>B</sup></a>	
536FLR-T	bnx2i	ESXi 5.5	<a href="#">2.713.10.v55.3<sup>B</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.3<sup>B</sup></a>	
Synergy 2820C	bnx2i	ESXi 5.5	<a href="#">2.713.10.v55.3<sup>B</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.3<sup>B</sup></a>	
Synergy 3820C	bnx2i	ESXi 5.5	<a href="#">2.713.10.v55.3<sup>B</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.713.10.v60.3<sup>B</sup></a>	

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>B</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

**Driver and firmware versions for HPE QLogic based FC/FCoE devices**

Product	Driver Type	ESXi Version	Current Driver Recommended	Current FW Supported
81Q	qlnativefc	ESXi 5.5	<a href="#">1.1.77.0-1</a> <sup>12</sup>	8.02.00 <sup>9</sup>
		ESXi 6.0/6.5	<a href="#">2.1.50.0-1</a> <sup>8</sup>	
82Q	qlnativefc	ESXi 5.5	<a href="#">1.1.77.0-1</a> <sup>12</sup>	8.02.00 <sup>9</sup>
		ESXi 6.0/6.5	<a href="#">2.1.50.0-1</a> <sup>8</sup>	
84Q	qlnativefc	ESXi 5.5	<a href="#">1.1.77.0-1</a> <sup>12</sup>	8.02.00 <sup>9</sup>
		ESXi 6.0/6.5	<a href="#">2.1.50.0-1</a> <sup>8</sup>	
CN1000Q	qlnativefc	ESXi 5.5	<a href="#">1.1.77.0-1</a> <sup>12</sup>	4.20.3 <sup>1</sup>
		ESXi 6.0	<a href="#">2.1.50.0-1</a> <sup>8</sup>	
FC1142SR	qlnativefc	ESXi 5.5	<a href="#">1.1.77.0-1</a> <sup>12</sup>	8.01.02 <sup>9</sup>
		ESXi 6.0	<a href="#">2.1.50.0-1</a> <sup>8</sup>	
FC1242SR	qlnativefc	ESXi 5.5	<a href="#">1.1.77.0-1</a> <sup>12</sup>	8.01.02 <sup>9</sup>
		ESXi 6.0	<a href="#">2.1.50.0-1</a> <sup>8</sup>	
QMH2462	qlnativefc	ESXi 5.5	<a href="#">1.1.77.0-1</a> <sup>12</sup>	8.01.02 <sup>9</sup>
		ESXi 6.0	<a href="#">2.1.50.0-1</a> <sup>8</sup>	
QMH2562	qlnativefc	ESXi 5.5	<a href="#">1.1.77.0-1</a> <sup>12</sup>	8.02.00 <sup>9</sup>
		ESXi 6.0	<a href="#">2.1.50.0-1</a> <sup>8</sup>	
QMH2572	qlnativefc	ESXi 5.5	<a href="#">1.1.77.0-1</a> <sup>12</sup>	8.02.00 <sup>9</sup>
		ESXi 6.0/6.5	<a href="#">2.1.50.0-1</a> <sup>8</sup>	
QMH2672	qlnativefc	ESXi 5.5	<a href="#">1.1.77.0-1</a> <sup>12</sup>	8.02.51 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.1.50.0-1</a> <sup>8</sup>	
SN1000Q	qlnativefc	ESXi 5.5	<a href="#">1.1.77.0-1</a> <sup>12</sup>	8.02.51 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.1.50.0-1</a> <sup>8</sup>	
SN1100Q	qlnativefc	ESXi 5.5	<a href="#">1.1.77.0-1</a> <sup>12</sup>	8.03.10 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">2.1.50.0-1</a> <sup>8</sup>	
Synergy 3830C	qlnativefc	ESXi 5.5	<a href="#">1.1.77.0-1</a> <sup>12</sup>	8.02.51 <sup>1</sup>
		ESXi 6.0	<a href="#">2.1.50.0-1</a> <sup>8</sup>	
526FLR-SFP+	qlnativefc	ESXi 5.5	<a href="#">1.1.77.0-1</a> <sup>12</sup>	4.20.3 <sup>1</sup>
		ESXi 6.0	<a href="#">2.1.50.0-1</a> <sup>8</sup>	
SN1600Q	qlnativefc	ESXi 6.0/6.5	<a href="#">2.1.50.0-1</a> <sup>8</sup>	8.03.10 <sup>1</sup>
533FLR-T	bnx2fc	ESXi 5.5	<a href="#">1.713.20.v55.4</a> <sup>8</sup>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">1.713.20.v60.4</a> <sup>8</sup>	
534FLB	bnx2fc	ESXi 5.5	<a href="#">1.713.20.v55.4</a> <sup>8</sup>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">1.713.20.v60.4</a> <sup>8</sup>	
534FLR-SFP+	bnx2fc	ESXi 5.5	<a href="#">1.713.20.v55.4</a> <sup>8</sup>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">1.713.20.v60.4</a> <sup>8</sup>	
534M	bnx2fc	ESXi 5.5	<a href="#">1.713.20.v55.4</a> <sup>8</sup>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">1.713.20.v60.4</a> <sup>8</sup>	
CN1100R	bnx2fc	ESXi 5.5	<a href="#">1.713.20.v55.4</a> <sup>8</sup>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">1.713.20.v60.4</a> <sup>8</sup>	
CN1100R-T	bnx2fc	ESXi 5.5	<a href="#">1.713.20.v55.4</a> <sup>8</sup>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">1.713.20.v60.4</a> <sup>8</sup>	
536FLB	bnx2fc	ESXi 5.5	<a href="#">1.713.20.v55.4</a> <sup>8</sup>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">1.713.20.v60.4</a> <sup>8</sup>	
630FLB	bnx2fc	ESXi 5.5	<a href="#">1.713.20.v55.4</a> <sup>8</sup>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">1.713.20.v60.4</a> <sup>8</sup>	
630M	bnx2fc	ESXi 5.5	<a href="#">1.713.20.v55.4</a> <sup>8</sup>	7.13.75 <sup>1</sup>
		ESXi 6.0/6.5	<a href="#">1.713.20.v60.4</a> <sup>8</sup>	
536FLR-T	bnx2fc	ESXi 5.5	<a href="#">1.713.20.v55.4</a> <sup>8</sup>	7.13.75 <sup>1</sup>

<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>9</sup> This version of firmware is loaded by the driver.

<sup>12</sup> The recommended driver for this device has been updated. Please refer to the following customer advisory for more information on this support update: [http://h20566.www2.hp.com/hpsc/doc/public/display?sp4ts.oid=5404650&docLocale=en\\_US&docId=emr\\_na-c05353823](http://h20566.www2.hp.com/hpsc/doc/public/display?sp4ts.oid=5404650&docLocale=en_US&docId=emr_na-c05353823)

		ESXi 6.0/6.5	<a href="#">1.713.20.v60.4<sup>8</sup></a>	
Synergy 2820C	bnx2fc	ESXi 5.5	<a href="#">1.713.20.v55.4<sup>8</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0	<a href="#">1.713.20.v60.4<sup>8</sup></a>	
Synergy 3820C	bnx2fc	ESXi 5.5	<a href="#">1.713.20.v55.4<sup>8</sup></a>	7.13.75 <sup>1</sup>
		ESXi 6.0	<a href="#">1.713.20.v60.4<sup>8</sup></a>	

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<sup>1</sup> A Smart Component for online update of this firmware is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

<sup>8</sup> A Smart Component for online update of this driver is included in the HP Service Pack for ProLiant 2016.10.0 which is available for download at [www.hp.com/go/spp/download](http://www.hp.com/go/spp/download).

## HPE System Management Software

Product	ESXi Versions	Current Version Supported	Current Offline Bundle
HPE ESXi Offline Bundle for VMware vSphere 6.5	vSphere 6.5	2.6	<a href="#">hpe-esxi6.5uX-bundle-2.6.2-2.zip</a>
HPE Agentless Management Service Offline Bundle for VMware vSphere 6.5	vSphere 6.5	10.6.0	<a href="#">ams-esxi6.5-bundle-10.6.2-2.zip</a>
HPE ESXi Utilities Offline Bundle for VMware vSphere 6.5	vSphere 6.5	2.6	<a href="#">hpe-HPUtil-esxi6.5-bundle-2.6.2-1.zip</a>
HPE NMI Sourcing Driver for VMware vSphere 6.5	vSphere 6.5	2.4	<a href="#">hpe-nmi-esxi6.0uX-bundle-2.4.16.zip</a>
HPE ESXi Offline Bundle for VMware vSphere 6.0	vSphere 6.0	2.6	<a href="#">hpe-esxi6.0uX-bundle-2.6.0-22.zip</a>
HPE Agentless Management Service Offline Bundle for VMware vSphere 6.0	vSphere 6.0	10.5.0	<a href="#">ams-esxi6.0-bundle-10.5.0-15.zip</a>
HPE ESXi Utilities Offline Bundle for VMware vSphere 6.0	vSphere 6.0	2.6a	<a href="#">hpe-HPUtil-esxi6.0-bundle-2.6a-9.zip</a>
HPE NMI Sourcing Driver for VMware vSphere 6.0	vSphere 6.0	2.4	<a href="#">hpe-nmi-esxi6.0uX-bundle-2.4.16.zip</a>
HPE ESXi Offline Bundle for VMware vSphere 5.5	vSphere 5.5	2.6	<a href="#">hpe-esxi5.5uX-bundle-2.6.0-22.zip</a>
HPE Agentless Management Service Offline Bundle for VMware vSphere 5.5	vSphere 5.5	10.5.0	<a href="#">ams-esxi5.5-bundle-10.5.0-13.zip</a>
HPE ESXi Utilities Offline Bundle for VMware vSphere 5.5	vSphere 5.5	2.6	<a href="#">hpe-HPUtil-esxi5.5-bundle-2.6-12.zip</a>
HPE NMI Sourcing Driver for VMware vSphere 5.5	vSphere 5.5	2.4	<a href="#">hpe-nmi-esxi5.5-bundle-2.4-16.zip</a>

# HPE SR-IOV Guest OS support

## vSphere 5.5 & vSphere 6.0 Support

### HPE supported SR-IOV Guest OS for Emulex adapters

Product	Driver Type	Driver Version	ESXi Versions	HP Supported Guest OS
554FLB	elxnet	<a href="#">11.1.145.0</a>	vSphere 5.5	RHEL 6.4 RHEL 6.5 RHEL 6.6 SLES 11 SP3 SLES 12 WS 2012
		<a href="#">11.1.145.0</a>	vSphere 6.0	
554FLR	elxnet	<a href="#">11.1.145.0</a>	vSphere 5.5	
		<a href="#">11.1.145.0</a>	vSphere 6.0	
554M	elxnet	<a href="#">11.1.145.0</a>	vSphere 5.5	
		<a href="#">11.1.145.0</a>	vSphere 6.0	
552M	elxnet	<a href="#">11.1.145.0</a>	vSphere 5.5	
		<a href="#">11.1.145.0</a>	vSphere 6.0	
CN1100E	elxnet	<a href="#">11.1.145.0</a>	vSphere 5.5	
		<a href="#">11.1.145.0</a>	vSphere 6.0	
NC552SFP	elxnet	<a href="#">11.1.145.0</a>	vSphere 5.5	
		<a href="#">11.1.145.0</a>	vSphere 6.0	
650FLB	elxnet	<a href="#">11.1.145.0</a>	vSphere 5.5	
		<a href="#">11.1.145.0</a>	vSphere 6.0	
650M	elxnet	<a href="#">11.1.145.0</a>	vSphere 5.5	
		<a href="#">11.1.145.0</a>	vSphere 6.0	
556FLR-SFP+	elxnet	<a href="#">11.1.145.0</a>	vSphere 5.5	
		<a href="#">11.1.145.0</a>	vSphere 6.0	
CN1200E	elxnet	<a href="#">11.1.145.0</a>	vSphere 5.5	
		<a href="#">11.1.145.0</a>	vSphere 6.0	
557SFP+	elxnet	<a href="#">11.1.145.0</a>	vSphere 5.5	
		<a href="#">11.1.145.0</a>	vSphere 6.0	
CN1200E-T	elxnet	<a href="#">11.1.145.0</a>	vSphere 5.5	
		<a href="#">11.1.145.0</a>	vSphere 6.0	

### HPE supported SR-IOV Guest OS for Intel adapters

Product	Driver Type	Driver Version	ESXi Versions	HP Supported Guest OS
560FLR	ixgbe	<a href="#">4.1.1.4</a>	vSphere 5.5 vSphere 6.0	RHEL 6.4 RHEL 6.5 RHEL 6.6 WS 2012
560SFP	ixgbe	<a href="#">4.1.1.4</a>	vSphere 5.5 vSphere 6.0	
560M	ixgbe	<a href="#">4.1.1.4</a>	vSphere 5.5 vSphere 6.0	
560FLB	ixgbe	<a href="#">4.1.1.4</a>	vSphere 5.5 vSphere 6.0	
561FLR-T	ixgbe	<a href="#">4.1.1.4</a>	vSphere 5.5 vSphere 6.0	
561T	ixgbe	<a href="#">4.1.1.4</a>	vSphere 5.5 vSphere 6.0	
562SFP+	ixgbe	<a href="#">4.1.1.4</a>	vSphere 5.5 vSphere 6.0	
562FLR-SFP+	ixgbe	<a href="#">4.1.1.4</a>	vSphere 5.5 vSphere 6.0	

**HPE supported SR-IOV Guest OS for QLogic adapters**

Product	Driver Type	Driver Version	ESXi Versions	HP Supported Guest OS
534FLB	bnx2x	<a href="#">2.713.10.v55.4</a>	vSphere 5.5	RHEL 6.4 RHEL 6.5 REHL 6.6 WS 2012 SLES 11 SP3 SLES 12
		<a href="#">2.713.10.v60.4</a>	vSphere 6.0	
534FLR-SFP+	bnx2x	<a href="#">2.713.10.v55.4</a>	vSphere 5.5	
		<a href="#">2.713.10.v60.4</a>	vSphere 6.0	
534M	bnx2x	<a href="#">2.713.10.v55.4</a>	vSphere 5.5	
		<a href="#">2.713.10.v60.4</a>	vSphere 6.0	
533FLR-T	bnx2x	<a href="#">2.713.10.v55.4</a>	vSphere 5.5	
		<a href="#">2.713.10.v60.4</a>	vSphere 6.0	
CN1100R	bnx2x	<a href="#">2.713.10.v55.4</a>	vSphere 5.5	
		<a href="#">2.713.10.v60.4</a>	vSphere 6.0	
530FLB	bnx2x	<a href="#">2.713.10.v55.4</a>	vSphere 5.5	
		<a href="#">2.713.10.v60.4</a>	vSphere 6.0	
530M	bnx2x	<a href="#">2.713.10.v55.4</a>	vSphere 5.5	
		<a href="#">2.713.10.v60.4</a>	vSphere 6.0	
530SFP+	bnx2x	<a href="#">2.713.10.v55.4</a>	vSphere 5.5	
		<a href="#">2.713.10.v60.4</a>	vSphere 6.0	
530FLR-SFP+	bnx2x	<a href="#">2.713.10.v55.4</a>	vSphere 5.5	
		<a href="#">2.713.10.v60.4</a>	vSphere 6.0	
530T	bnx2x	<a href="#">2.713.10.v55.4</a>	vSphere 5.5	
		<a href="#">2.713.10.v60.4</a>	vSphere 6.0	
630FLB	bnx2x	<a href="#">2.713.10.v55.4</a>	vSphere 5.5	
		<a href="#">2.713.10.v60.4</a>	vSphere 6.0	
630M	bnx2x	<a href="#">2.713.10.v55.4</a>	vSphere 5.5	
		<a href="#">2.713.10.v60.4</a>	vSphere 6.0	
536FLB	bnx2x	<a href="#">2.713.10.v55.4</a>	vSphere 5.5	
		<a href="#">2.713.10.v60.4</a>	vSphere 6.0	
CN1100R-T	bnx2x	<a href="#">2.713.10.v55.4</a>	vSphere 5.5	
		<a href="#">2.713.10.v60.4</a>	vSphere 6.0	

\*20Gb SR-IOV support is only available in ESXi 5.5 and higher

## Revision History

Date	Version	Change Description
11.03.2017	21.9.1	Added vSphere 6.0 U3 SPP note to 'Important Support Notes' section
03.08.2017	21.9	Updated supported driver version on HPE SmartArray Controllers for ESXi 6.5 and added footnote #12 for Customer Advisory
02.23.2017	21.8	Added support for the VMware vSphere 6.0 Update 3 Release
01.23.2017	21.7	Updated ESXi 5.5 qlnativefc driver version to 1.1.77.0 and added footnote #12 to Customer Advisory
		Updated correct firmware for HPE QLogic CN1000Q & 526FLR-SFP+ devices to version 4.20.3
		Updated correct firmware for HPE QLogic SN1000Q device to version 8.02.51
		Updated correct firmware for HPE QLogic SN1100Q & SN1600Q devices to version 8.03.10
		Updated ESXi versions supported for HPE Synergy 2820C & Synergy 3820C devices to ESXi 5.5 & ESXi 6.0 Only
01.20.2017	21.6	Updated vSphere 6.5 Management software offline bundle versions
01.12.2017	21.5	Added ESXi 6.5 support for the HPE QLogic devices SN1000Q, SN1100Q and SN1600Q
01.04.2017	21.4	Updated correct firmware for QMH2672 device to version 8.02.51
12.09.2016	21.3	Updated vSphere ESXi 5.5 U3 and vSphere ESXi 6.0 U2 custom image versions in the 'Important Support Notes' OS table to reflect December releases.
		Updated support driver version for HPE SmartArray Controllers for ESXi 5.5/6.0 and added footnote #11 for Customer Advisory
		Added HPE QLogic SN1600Q as supported device
		Updated nhpsa as correct ESXi 6.5 driver for HPE SmartArray Controllers
11.18.2016	21.2	Added VMware vSphere 6.5 OS support and drivers
11.09.2016	21.1	Added qedentv driver support for HPE 620QSFP28 device

		Added support footnote for HPE NC551i device
10.24.2016	21.0	Added support for the Service Pack for ProLiant (SPP) 2016.10.0 release
		Removed references for ESXi 5.0 and vSphere 5.1 from document. These OS releases are no longer supported.
		Removed support for the HP Smart Array P800 and HP Smart Array E200i Controllers. Please use previous Recipe releases to stay with the Recipe that supports these devices.
		The following HP devices were removed from the Recipe as they are no longer supported with the Service Pack for ProLiant (SPP): NC542m, FC2142SR Emulex LPe1150, FC2242SR Emulex LPe11002 and LPe1105. Please use previous Recipe releases to stay with the Recipe that supports these devices.
		The following HP ProLiant Servers were removed from the Recipe as they are no longer supported with the Service Pack for ProLiant (SPP): BL260c G5, BL460c G5, BL465c G5, BL495c G5, BL680c G5, BL685c G5, DL160 G6, DL160se G6, DL165 G7, DL170e G6, DL170h G6, DL180 G6, DL180se G6, DL360 G5, DL365 G5, DL380 G5, DL385 G5, DL385 G5p, DL580 G5, DL585 G5, DL785 G5, ML350 G5, ML370 G5, ML150 G6, SL160s G6, SL160z G6, SL165s G7, SL165z G7, SL170s G6, SL170z G6
06.15.2016	20.6	Updated VC firmware to version 4.50. See footnote #13
06.14.2016	20.5	The following Gen9 HPE ProLiant servers ROM versions were updated: BL460c Gen9, BL660c Gen9, DL20 Gen9, DL60 Gen9, DL80 Gen9, DL120 Gen9, DL160 Gen9, DL180 Gen9, DL360 Gen9, DL380 Gen9, DL560 Gen9, DL580 Gen9, ML110 Gen9, ML150 Gen9, ML350 Gen9, XL170r Gen9, XL190r Gen9, XL230a Gen9, XL250a Gen9, XL420 Gen9, XL450 Gen9, WS460c Gen9
05.09.2016	20.4	Updated HPE Emulex NC553i NIC firmware to 10.7.110.31
		Updated the April vSphere 6.0 U2 hpe build version to hpe-build-600.9.5.0.48-2494585 in the OS Support table
05.06.2016	20.3	Updated supported driver and firmware for the following HPE SmartArray Controllers: P244br, P440ar, P440, P441, P840, H240ar, H240, H241, H244br, P246br, P741m, P841 and P840ar. Footnote also added to point to customer advisory
		Updated supported driver for the following HPE SmartArray Controllers: P212, P410, P410i, P411, P711m, P712m and P812. Footnote also added to point to customer advisory
		Updated support information for following HPE SmartArray Controllers in the OS Support Table: P212, P410, P410i, P411, P711m, P712m and P812
04.29.2016	20.2	Updated ROM version to 2016.03.07 for the following ProLiant servers: BL685c G7, BL465c Gen8, DL585 G7 and DL385p Gen8
		Updated support statement for AMD 6300 series processor based servers in 'Important Support Notes' section
		Updated support statement for HP Smart Array controllers in the OS Support table
		Updated vibsdepot directory links in the OS Support table to correct location
		Removed footnote #9 from DL 585 G7 server as it was inaccurate
		Added support back for HPE Intel NIC NC365T
04.18.2016	20.1	Updated iLO FW to version 2.40 for the BL460 Gen9



04.08.2016	20.0	Added support for the Service Pack for ProLiant (SPP) 2016.04.0 release
		Added support for new Servers and Server options released on April 1, 2016
		Added ESXi 6.0 support for HPE QLogic device NC382i
		Removed references to ESXi 4.1, which is no longer supported
		Added support statement for AMD processor based servers in 'Important Support Notes' section
		Added support statement in OS Support table for HPE SmartArray Controllers: P212, P410, P410i, P411, P711m, P712m, and the P812
04.01.2016	19.6	Updated supported driver for the HPE SmartArray Controllers: P212, P410, P410i, P411, P711m, P712m, and the P812. Footnote #15 was also added
		Updated the NIC & iSCSI driver for HPE Emulex device NC551i for ESXi5.1 and ESXi 5.5 to show correct support
03.15.2016	19.5	Added support for the March 15, 2016 HPE vSphere 6.0 Update 2 custom image
01.25.2016	19.4	Updated firmware for HPE SmartArray Controllers to 3.56 (see footnote #13).
01.08.2016	19.3	Added support for the January 8, 2016 HPE vSphere 6.0 Update 1 custom image
12.08.2015	19.2	Added support for the December 08, 2015 HP vSphere 5.5 Update 3 custom image
		Removed footnote for HP Intel device firmware in the SPP 2015.10.0
		Updated ROM version for the DL580 Gen9 server
11.16.2015	19.1	Added support for the HP Service Pack for ProLiant (SPP) 2015.10.0 release for the vSphere 5.5 and vSphere 6.0 HP custom images.
		Added support for new Servers and Server options released on October 1, 2015.
		Added "HP ProLiant WS Servers" section with supported Servers.
		The following HP devices were removed from the Recipe as they are no longer supported with the Service Pack for ProLiant (SPP): NC105i, NC107i, NC325m, NC326i, NC326m, 41B, 42B, CN1000E, NC550m, NC550SFP, NC551m, NC110T, NC112T, NC360m, NC360T, NC364m, NC364T, NC362i, NC365T, 562SFLR-SFP+, 562SFP+, NC543i, NC375T, NC522m, NC522SFP, NC370i, NC371i, NC373i, NC373F, NC373m, NC373T, NC380T, NC382m, NC382T, NC532i, QMH4062, FC1143, FC1243. Please use previous Recipe releases to stay with the Recipe that supports these devices.
11.09.2015	19.0	Added support for the HP Service Pack for ProLiant (SPP) 2015.10.0 release for the ESXi 5.0 and vSphere 5.1 HPE custom images.
		Added Customer Notice Notification statement to the "Document Update Policy" section.
		Added customer notice for new firmware on HPE SmartArray Controllers.
		Added new HPE branding.
10.29.2015	18.9	Updated firmware version for HP Emulex devices: 556FLR-SFP+, 650FLB, 650M, CN1200E and 557SFP+.

10.28.2015	18.8	Added support for the vSphere 6.0 Update 1 Custom Image.
		Added support for new Emulex drivers and firmware for the HP vSphere 6.0 Update 1 custom image.
		Added support for new HP ESXi offline bundle for the HP vSphere 6.0 Update 1 custom image.
		Updated firmware version for HP QLogic devices NC524SFP, NC522SFP and NC522m to correct version 4.0.595.
		Added Customer Notice statement in the 'Document Update Policy' section.
		Added link to About the HP-VMware Recipe document white paper to the 'About this document' section.
09.16.2015	18.7	Added support for VMware vSphere 5.5 Update 3 in the OS Support table in the "Important Notes" section.
		Updated firmware version for HP QLogic devices NC375i and NC375T to correct version 4.0.595.
09.04.2015	18.6	Updated the vSphere 5.5 Update 2 HP Custom Image version in the OS Support Table.
09.01.2015	18.5	Updated HP Intel device firmware to the correct supported version 1.1067.
08.19.2015	18.4	Added footnote with customer advisory link for a firmware issue seen on the HP Emulex 650FLB and 650M Networking devices.
		Updated OS support for the HP SmartArray controller P700M to add ESXi 6.0.
07.31.2015	18.3	Updated ESXi 5.0 Update 3, vSphere 5.1 Update 3, and vSphere 6.0 custom image information in the OS Support table in the "Important Support Notes" section.
		Updated the HP Dynamic Smart Array Controller hpvsa driver version and added footnote.
		Updated supported firmware version for HP Emulex based Networking devices on ESXi 5.0.
07.27.2015	18.2	Added support note for June 2015 HP custom images to "Important Support Notes" section.
		Updated vSphere 5.5 Update 2 information in the OS Support table in the "Important Support Notes" section.
06.22.2015	18.1	Updated footnote for HP Emulex based Networking devices: CN1000E, NC550m, NC550SFP, NC551i, NC551m.
06.15.2015	18.0	Added support for the Service Pack for ProLiant (SPP) 2015.06.0 release
		Added support for new Servers and Server options released on June 15, 2015
06.04.2015	17.2	Updated driver support for HP Emulex based NIC devices: CN1000E, NC550m, NC550SFP, NC551i, and NC551m
		Updated driver support for HP Emulex based iSCSI devices: CN1000E, NC551i, and NC551m
05.13.2015	17.1	Corrected Intel NIC firmware to version 1.949.0
		Updated Guest OS support in "HP SR-IOV Guest OS Support" section
		Added CA footnote for QLogic 81Q and 82Q devices
		Updated OS support and driver support for the P700m SmartArray controller

		Added CA for hpvsa driver version 5.5.0-92
04.15.2015	17.0	Added support for the Service Pack for Proliant (SPP) 2015.04.0 release
		Added support for new Servers and Server options released on March 30, 2015
03.12.2015	16.5	Added VMware vSphere 6.0 support
02.06.2015	16.4	Added footnote to HP Emulex based NIC devices
		Updated firmware version for CN1100E device
12.09.2014	16.3	Added updated vSphere 5.5 Update 1 ISO image under "Important Support Notes" section
12.05.2014	16.2	Added "Document Update Policy" section
		Added support for updated HP Custom ISO's *see "Important Support Notes" section*
		Added support for new VC firmware
		Added support for new iLO4 firmware
		Added support for following servers: DL60 Gen9, DL80 Gen9, DL120 Gen9, ML150 Gen9, and XL230a Gen9
		Added support for new HP SmartArray Controller H241
		Added support for new HP SmartArray Controller firmware
		Added support for new QLogic NetXtremell driver
		Added support for new HP ESXi Offline Bundle for vSphere 5.5
		Added support for new HP Agentless Management Services Offline Bundle for vSphere 5.5
10.24.2014	16.1	Added support for HP Maintenance Supplement Bundle (MSB) 2014.10
09.09.2014	16.0	Initial version of recipe for HP Service Pack for Proliant (SPP) 2014.09.0
08.15.2014	15.0	Added support for XL220a Gen8 v2 server
		Added support for the 630FLB and 630M
		Added support for new QLogic NX2 driver bundle. See footnote
07.03.2014	14.1	More updates made to components to reflect the (SPP) 2014.06.0 release. See footnotes
07.01.2014	14.0	Updated HP Custom Image ISO table in "Important Support Notes" section
		Updated components to reflect new (SPP) 2014.06.0 release. See footnotes
06.17.2014	13.0	Updated CA to reflect new hpsa driver
		Updated links to new QLogic NX2 driver
		Added updates to "System Management Software" section
		Updated table in "Important Support Notes" section

05.30.2014	12.0	Added support for vSphere 5.5 Update 1 OS Release
		Added "Important Support Notes" section
		Added various firmware updates. See footnotes
		Updates hpvsa driver version
02.19.2014	10.1	Added MicroServer Gen8 support and updated URLs for new servers and management bundles
02.18.2014	10.0	Added support for (SPP) 2014.02.0 Driver/FW. Driver/FW updates and added vSphere 5.5 SR-IOV support list
		Initial version of February 2014 recipe
01.14.2014	9.0	Added support for VMware vSphere 5.1 U2 OS Release
		Initial version of January 2014 recipe
12.05.2013	8.2	Added supported ESXi 4.1 device driver, FW, and HP Management Software
11.22.2013	8.1	Added support for VMware vSphere 5 Supplemental for HP Service Pack for Proliant 2013.09.0 (B)
		Updated VMware ESXi 4.x support statement with regards to the SPP
		Updates HP Dynamic Smart Array Controller driver version to 5.0.0-70 and 5.5.0-70 for a hot-fix release
10.17.2013	8.0	Added support for VMware ESXi 5.0 U3 OS release
		Initial version of October 2013 Recipe
10.02.2013	7.3	Added HP ESXi Offline Bundle for ESXi5.0 and vSphere 5.1 version 1.5, HP Agentless Management Service Offline Bundle for VMware ESXi 5.0 and vSphere 5.1 version 9.4.0, and HP Agentless Management Service Offline Bundle for VMware vSphere 5.5 version 9.4.0
		Updated a set of Gen8 Intel servers' ROM FW version to 2013.09.18 for a hot-fix release
09.27.2013	7.2	Removed footnot about future availability of 5.5 Custom Image with HP CIM Provider bundle and Broadcom drivers
09.23.2013	7.1	Updated download URLs for VMware vSphere 5.5 drivers
		Added 5.5 Broadcom drivers and 5.5 HP CIM Provider Offline Bundle
09.19.2013	7.0	Initial version of recipe for HP Service Pack for Proliant (SPP) 2013.09.0 (B)
		Added VMware vSphere 5.5 OS support and drivers
09.23.2013	6.3	Add revision history
07.18.2013		Update Virtual Connect FW version to 4.01
07.08.2013	6.2	Update Emulex FW version to 4.2.401.2215 for a hot-fix release
		Add statement of when the recipe is updated
		Add HP Management Components table

06.12.2013	6.1	Add ML310e Gen8 v2 and DL320e Gen8 v2 servers
		Update ROM FW version to 2012.12.17 for a hot-fix release for BL465c Gen8, BL685c G7, DL385p Gen8 and DL585 G7.
05.29.2013		Update Emulex FW version to 4.2.401.605 for a hot-fix release
04.25.2013	6.0	Initial version of recipe to support ESXi 5.1 U1 OS Release
		Added 4.1U2 and 4.1U3 support statement

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## Get connected

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Updated November 03 2017  
Created February 2014

