



# User Release Notes

## Marvell FastLinQ®

Industry Standard Adapters for  
HPE ProLiant Gen10 Plus  
Servers

2020 August Rev C



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## Release Summary

This end user Release Notes for Marvell FastLinQ Ethernet adapters is applicable for the Industry Standard Adapters supported on the HPE ProLiant Gen10 Plus Servers.

## Supported Industry Standard Adapters

Adapter	Description
QL41132HLCU-HC	Marvell FastLinQ 41000 Series - 2P 10GbE SFP+ MD2 Adapter
QL41132HQRJ-HC	Marvell FastLinQ 41000 Series - 2P 10GbE 10GBASE-T OCP3 Adapter
QL41132HLRJ-HC	Marvell FastLinQ 41000 Series - 2P 10GbE 10GBASE-T MD2 Adapter
QL41132HQCU-HC	Marvell FastLinQ 41000 Series - 2P 10GbE SFP+ OCP3 Adapter
QL41232HQCU-HC	Marvell FastLinQ 41000 Series - 2P 25GbE SFP28 OCP3 Adapter
QL41232HLCU-HC	Marvell FastLinQ 41000 Series - 2P 25GbE SFP28 MD2 Adapter
QL41134HLCU-HC	Marvell FastLinQ 41000 Series - 4P 10GbE SFP+ MD2 Adapter

## Supported Operating Systems

Operating System	Comments
Windows Server 2016 LTSC	Standard and Premium SDDC
Windows Server 2019 LTSC	Standard and Premium SDDC
RHEL 7.7	
RHEL 7.8	
RHEL 8.0	
RHEL 8.1	
RHEL 8.2	
SLES 12 SP4	
SLES 12 SP5	
SLES 15	
SLES 15 SP1	
SLES 15 SP2	
vSphere ESXi 6.5 U2, U3	
vSphere ESXi 6.7 U2, U3	
vSphere ESXi 7.0	
Citrix 8.0	Inbox

### New in this Release

- ESXi 7.0 native driver (Inbox, Async)
- RHEL 7.8, 8.1, 8.2
- SLES 12sp5

### Fixes in this Release

- This release includes fixes for drivers, firmware, and tools, and they are in the *release* file of the respective software packages.

## Linux Drivers

Product	Version	Previous Release
<b>Linux RPM Package</b>	8.50.25.0-1	8.42.8.0-1
Linux qed	8.50.25.0	8.42.8.0
Linux qede	8.50.25.0	8.42.8.0
Linux qedr	8.50.25.0	8.42.8.0
Linux qedr Library	8.50.25.0	8.42.0.0

## Windows Drivers

Product	Version	Previous Release
<b>Windows Driver Installer</b>	20.50.1.15	20.40.4.4
Windows qevbd Driver	8.50.10.0*	8.42.10.0*
Windows qend Driver	8.50.8.0*	8.42.6.0c*
Windows qxdiag Driver	8.14.0.0*	8.14.0.0*

## vSphere ESXi Drivers

Product	Version	Previous Release
<b>ESXi 6.5 Driver Package</b>	3.0.201*	3.0.172
ESXi L2 Driver qedentv	3.11.16.0*	3.11.16.0
ESXi RoCE Driver qedrntv	3.11.16.0*	3.11.16.0
<b>ESXi 6.7 Driver Package</b>	4.0.201*	4.0.172
ESXi L2 Driver qedentv	3.11.16.0*	3.11.16.0
ESXi RoCE Driver qedrntv	3.11.16.0*	3.11.16.0
<b>ESXi 7.0 Driver Package</b>	4.0.189*	N/A
ESXi L2 Driver qedentv	3.40.9.0*	N/A
ESXi RoCE Driver qedrntv	3.40.9.1*	N/A

Product	Driver CD CMR Link
<b>ESXi 6.5 Driver Package</b>	
ESXi L2 Driver qedentv	<a href="https://my.vmware.com/web/vmware/details?downloadGroup=DT-ESX65-QLOGIC-QEDRNTV-311160&amp;productId=614">https://my.vmware.com/web/vmware/details?downloadGroup=DT-ESX65-QLOGIC-QEDRNTV-311160&amp;productId=614</a>
ESXi RoCE Driver qedrntv	Same as above
<b>ESXi 6.7 Driver Package</b>	
ESXi L2 Driver qedentv	<a href="https://my.vmware.com/web/vmware/details?downloadGroup=DT-ESXI67-QLOGIC-QEDRNTV-311160&amp;productId=742">https://my.vmware.com/web/vmware/details?downloadGroup=DT-ESXI67-QLOGIC-QEDRNTV-311160&amp;productId=742</a>
ESXi RoCE Driver qedrntv	Same as above
<b>ESXi 7.0 Driver Package</b>	
ESXi L2 Driver qedentv	<a href="https://my.vmware.com/web/vmware/details?downloadGroup=DT-ESX70-MARVELL-QEDENTV-50189&amp;productId=974">https://my.vmware.com/web/vmware/details?downloadGroup=DT-ESX70-MARVELL-QEDENTV-50189&amp;productId=974</a>
ESXi RoCE Driver qedrntv	Same as above

Product	vCG Link (Permalink) **
QL41232HLCU-HC	<a href="#">Marvell FastLinQ 41000 Series - 2P 25GbE SFP28 QL41232HLCU-HC MD2 Adapter (SR-IOV)</a>
QL41132HQCU-HC	<a href="#">Marvell FastLinQ 41000 Series - 2P 10GbE SFP+ QL41132HQCU-HC OCP3 Adapter (SR-IOV)</a>
QL41134HLCU-HC	<a href="#">Marvell FastLinQ 41000 Series - 4P 10GbE SFP+ QL41134HLCU-HC MD2 Adapter (SR-IOV)</a>
QL41232HQCU-HC	<a href="#">Marvell FastLinQ 41000 Series - 2P 25GbE SFP28 QL41232HQCU-HC OCP3 Adapter (SR-IOV)</a>
QL41132HLCU-HC	<a href="#">Marvell FastLinQ 41000 Series - 2P 10GbE SFP+ QL41132HLCU-HC MD2 Adapter (SR-IOV)</a>
QL41132HQRJ-HC	<a href="#">Marvell FastLinQ 41000 Series - 2P 10GbE 10GBASE-T QL41132HQRJ-HC OCP3 Adapter (SR-IOV)</a>
QL41132HLRJ-HC	<a href="#">Marvell FastLinQ 41000 Series - 2P 10GbE 10GBASE-T QL41132HLRJ-HC MD2 Adapter (SR-IOV)</a>

## uEFI, Firmware, Tools, and Applications

Product	Version	Previous Release
uEFI Driver	6.1.7.3*	6.1.6.9*
Linux eddiag	8.50.5.0	8.42.5.0
Windows eddiag	8.50.5.0	8.42.5.0
uEFI qediag	8.50.5.0	8.42.5.0

Product	Version	Previous Release
Firmware Upgrade Linux	2.10.85	2.10.75
Firmware Upgrade Windows	2.10.85	2.10.75
Linux uIP Driver	2.11.5.13	2.11.5.13
Linux uIP RPMs	2.11.5.13-3	2.11.5.13-3
Slipstream Installer Script	2.0	2.0

Product	Version	Previous Release
QCS Windows Installer	20.60.1.4	20.40.2.3
QCS CLI	40.0.62	40.0.58
QCS CLI for Linux	40.0.62	40.0.58
QCC GUI	5.5.0.74	5.5.0.66
QCC PowerKit for Windows	1.0.90	1.0.86
QCC PowerKit for Linux	1.0.90	1.0.86
QCC PowerKit for ESXi	1.0.90	1.0.86
CIM Provider VI Plugin	2.0.31*	2.0.25*
ESX CLI Plugin 6.5/6.7	3.1.77*	3.1.68*

### NOTES

1. An asterisk (\*) following a version number represents a certified/signed driver
2. \*\* vCG Permalink for ESXi driver lists SR-IOV and L2 NIC (without SR-IOV) links. Both listings use the same driver version and the same firmware version. The SR-IOV vCG listing identifies a SR-IOV capable, VMware certified and supported adapter.

## Documentation

Marvell Document Library <https://www.marvell.com/support/doc-library/>

How to Search for documents from <https://www.marvell.com/> : Click the search icon and enter the document number. For example, *AH0054601*

Document File	Location
UsersGuide_41000_CNA-IEA_AH0054601-00J.pdf	<a href="https://www.marvell.com/documents/siz8570tjs8w87ivo1bs/">https://www.marvell.com/documents/siz8570tjs8w87ivo1bs/</a>
UsersGuide_QCC_PlugInsForVSphere_SN0054677-00ZG.pdf	<a href="https://www.marvell.com/documents/2mf095gwsyp8cmbq9ayr/">https://www.marvell.com/documents/2mf095gwsyp8cmbq9ayr/</a>
UsersGuide_PowerShell_BC0054518-00F.pdf	<a href="https://www.marvell.com/documents/1rpeilf67dyjya58ecoy/">https://www.marvell.com/documents/1rpeilf67dyjya58ecoy/</a>
InstallationGuide_QCC_GUI_SN0051105-00X.pdf	<a href="https://www.marvell.com/documents/d8zn144fqx855noggofr/">https://www.marvell.com/documents/d8zn144fqx855noggofr/</a>
UsersGuide_FC_Ethernet_ESXCLI_Plugin_BC0151101-00G.pdf	<a href="https://www.marvell.com/documents/nbzom5hudjfmhi9nra6v/">https://www.marvell.com/documents/nbzom5hudjfmhi9nra6v/</a>
HPE-Marvell-PB-FastLinQ-41000-Series-Adapters AH2058029-00 Rev. B.pdf. Product Brief.	<a href="https://www.marvell.com/docs/hpe/assets/hpe-marvell-pb-fastlinq-41000-series-adapters.pdf">https://www.marvell.com/docs/hpe/assets/hpe-marvell-pb-fastlinq-41000-series-adapters.pdf</a>
MARVELL FastLinQ 41000 Series Adapters Interoperability Matrix BC0154504-00 Rev. C PDF	<a href="https://www.marvell.com/documents/xalflardzafh32cfvi0z/">https://www.marvell.com/documents/xalflardzafh32cfvi0z/</a>
Compatible ESXi Driver Versions for Marvel FastLinQ Adapters	<a href="#">Link to ESXi Driver Compatibility Matrix for Marvell FastLinQ</a>





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