

# Lifecycle Controller Operating System Driver Pack Version 17.02.02 Reference Guide



# Notes, cautions, and warnings

 **NOTE:** A NOTE indicates important information that helps you make better use of your product.

 **CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

 **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

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# Overview

The *Lifecycle Controller OS Driver Pack Reference Guide* provides information about the operating systems (Windows and Linux) that are compatible with the driver pack for a specific 13th generation Dell PowerEdge server. The driver pack contains the drivers needed for OS deployment using Lifecycle Controller. For information on OS deployment, see the Lifecycle Controller User's Guide available at [dell.com/esmmanuals](http://dell.com/esmmanuals).

## PowerEdge R230

Operating System	Component	Device Name	Vendor Revision
Windows Server 2016 64-bit Windows Server 2016 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 64-bit Windows Server 2012 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.2.77
SUSE Linux Enterprise Server 11.4 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet adapters	20.2.0
Windows Server 2012 R2 64-bit Windows Server 2012 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet adapters, family 20.2	20.2.4.1
SUSE Linux Enterprise Server 11.4 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 64-bit	Network	BROADCOM CORPORATION  FOXCONN  INVENTEC:NetXtreme Ethernet adapters	20.2.0
Windows Server 2012 R2 64-bit Windows Server 2012 64-bit	Network	Intel NIC Family Version 17.5.0 Drivers	17.5.0
SUSE Linux Enterprise Server 11.4 64-bit	Network	Intel NIC Family Version 17.5.0 Linux Base Drivers - RPM Install	17.5.0
Windows Server 2012 R2 64-bit Windows Server 2012 64-bit	Network	INVENTEC:QLogic Network Adapter Windows 64bit drivers	20.0.0
SUSE Linux Enterprise Server 11.4 64-bit Red Hat Enterprise Linux 6.8 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	14.00.00.00
Windows Server 2012 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	2.51.15.00

Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit Windows Server 2016 64-bit			
Red Hat Enterprise Linux 7.3 64-bit SUSE Linux Enterprise Server 12.2 64-bit SUSE Linux Enterprise Server 11.4 64-bit	SAS RAID	Dell PERC H310/H710/H710P/ H810/H330/H730/H730P/H830/ SPERC8 Controllers	06.904.09.00
Red Hat Enterprise Linux 6.8 64-bit	SAS RAID	Dell PERC H310/H710/H710P/ H810/SPERC8/SPERC8 External/H330/H730/H730P/ H830 SAS RAID Controllers	06.904.09.00
Windows Server 2012 64-bit Windows Server 2012 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit Windows Server 2016 64-bit	SAS RAID	PERC H330/H730/H730P/ H830/FD33xD/FD33xS Controllers	6.604.06.00
Windows Server 2012 64-bit Windows Server 2012 R2 64-bit	SAS RAID	PERC S130 Controller	4.2.0-0009
Windows Server 2016 64-bit	SAS RAID	PERC S130 Controller	4.2.0-0012
Red Hat Enterprise Linux 6.8 64-bit	System Utilities	RHEL 6.8 64 bit UPDATE	0
Red Hat Enterprise Linux 7.3 64-bit	System Utilities	RHEL 7.3 64 bit UPDATE	0
SUSE Linux Enterprise Server 11.4 64-bit SUSE Linux Enterprise Server 12.2 64-bit	System Utilities	SLES UPDATE	0

## PowerEdge R330

Operating System	Component	Device Name	Vendor Revision
Windows Server 2016 64-bit Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.2.77



Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 R2 64-bit Windows Server 2012 64-bit Windows Server 2012 64-bit			
SUSE Linux Enterprise Server 11.4 64-bit	Fibre Channel	AVAGO TECHNOLOGIES:Emulex Network and Fibre Channel Adapter Drivers	8.4.0
Windows Server 2012 R2 64-bit Windows Server 2012 64-bit	Fibre Channel	AVAGO TECHNOLOGIES:Emulex Network and Fibre Channel Adapter Drivers and Software Application	9.0.1
SUSE Linux Enterprise Server 11.4 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet adapters	20.2.0
Windows Server 2012 R2 64-bit Windows Server 2012 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet adapters, family 20.2	20.2.4.1
SUSE Linux Enterprise Server 11.4 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 64-bit	Network	BROADCOM CORPORATION FOXCONN INVENTEC:NetXtreme Ethernet adapters	20.2.0
SUSE Linux Enterprise Server 11.4 64-bit	Network	Fibre Channel, QLogic 82xx, QLogic BCM 57xx/57xxx and QLogic 45xxx series of adapters	10.0.0.16
Windows Server 2012 R2 64-bit Windows Server 2012 64-bit	Network	Intel NIC Family Version 17.5.0 Drivers	17.5.0
SUSE Linux Enterprise Server 11.4 64-bit	Network	Intel NIC Family Version 17.5.0 Linux Base Drivers - RPM Install	17.5.0
Windows Server 2012 R2 64-bit Windows Server 2012 64-bit	Network	INVENTEC:QLogic Network Adapter Windows 64bit drivers	20.0.0
Windows Server 2012 R2 64-bit Windows Server 2012 64-bit	Network	QLogic 64bit Windows Drivers	8.0.18
SUSE Linux Enterprise Server 11.4 64-bit Red Hat Enterprise Linux 6.8 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	14.00.00.00
Windows Server 2012 64-bit Windows Server 2012 64-bit Windows Server 2012 R2 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	2.51.15.00

Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 R2 64-bit Windows Server 2016 64-bit Windows Server 2016 64-bit			
Red Hat Enterprise Linux 7.3 64-bit SUSE Linux Enterprise Server 12.2 64-bit SUSE Linux Enterprise Server 11.4 64-bit	SAS RAID	Dell PERC H310/H710/H710P/ H810/H330/H730/H730P/H830/ SPERC8 Controllers	06.904.09.00
Red Hat Enterprise Linux 6.8 64-bit	SAS RAID	Dell PERC H310/H710/H710P/ H810/SPERC8/SPERC8 External/H330/H730/H730P/ H830 SAS RAID Controllers	06.904.09.00
Windows Server 2012 64-bit Windows Server 2012 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit Windows Server 2016 64-bit	SAS RAID	PERC H330/H730/H730P/ H830/FD33xD/FD33xS Controllers	6.604.06.00
Windows Server 2012 64-bit Windows Server 2012 R2 64-bit	SAS RAID	PERC S130 Controller	4.2.0-0009
Windows Server 2016 64-bit	SAS RAID	PERC S130 Controller	4.2.0-0012
Red Hat Enterprise Linux 6.8 64-bit	System Utilities	RHEL 6.8 64 bit UPDATE	0
Red Hat Enterprise Linux 7.3 64-bit	System Utilities	RHEL 7.3 64 bit UPDATE	0
SUSE Linux Enterprise Server 11.4 64-bit SUSE Linux Enterprise Server 12.2 64-bit	System Utilities	SLES UPDATE	0

## PowerEdge T130

Operating System	Component	Device Name	Vendor Revision
Windows Server 2016 64-bit Windows Server 2016 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.2.77



Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 64-bit			
SUSE Linux Enterprise Server 11.4 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet adapters	20.2.0
Windows Server 2012 R2 64-bit Windows Server 2012 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet adapters, family 20.2	20.2.4.1
SUSE Linux Enterprise Server 11.4 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 64-bit	Network	BROADCOM CORPORATION FOXCONN INVENTEC:NetXtreme Ethernet adapters	20.2.0
Windows Server 2012 R2 64-bit Windows Server 2012 64-bit	Network	Intel NIC Family Version 17.5.0 Drivers	17.5.0
SUSE Linux Enterprise Server 11.4 64-bit	Network	Intel NIC Family Version 17.5.0 Linux Base Drivers - RPM Install	17.5.0
Windows Server 2012 R2 64-bit Windows Server 2012 64-bit	Network	INVENTEC:QLogic Network Adapter Windows 64bit drivers	20.0.0
SUSE Linux Enterprise Server 11.4 64-bit Red Hat Enterprise Linux 6.8 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	14.00.00.00
Windows Server 2012 64-bit Windows Server 2012 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit Windows Server 2016 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	2.51.15.00
Red Hat Enterprise Linux 7.3 64-bit SUSE Linux Enterprise Server 11.4 64-bit SUSE Linux Enterprise Server 12.2 64-bit	SAS RAID	Dell PERC H310/H710/H710P/H810/H330/H730/H730P/H830/SPERC8 Controllers	06.904.09.00
Red Hat Enterprise Linux 6.8 64-bit	SAS RAID	Dell PERC H310/H710/H710P/H810/SPERC8/SPERC8 External/H330/H730/H730P/H830 SAS RAID Controllers	06.904.09.00
Windows Server 2012 64-bit Windows Server 2012 64-bit	SAS RAID	PERC H330/H730/H730P/H830/FD33xD/FD33xS Controllers	6.604.06.00

Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 R2 64-bit			
Windows Server 2012 R2 64-bit			
Windows Server 2016 64-bit			
Windows Server 2016 64-bit			
Windows Server 2012 64-bit	SAS RAID	PERC S130 Controller	4.2.0-0009
Windows Server 2012 R2 64-bit			
Windows Server 2016 64-bit	SAS RAID	PERC S130 Controller	4.2.0-0012
Red Hat Enterprise Linux 6.8 64-bit	System Utilities	RHEL 6.8 64 bit UPDATE	0
Red Hat Enterprise Linux 7.3 64-bit	System Utilities	RHEL 7.3 64 bit UPDATE	0
SUSE Linux Enterprise Server 11.4 64-bit	System Utilities	SLES UPDATE	0
SUSE Linux Enterprise Server 12.2 64-bit			

## PowerEdge T330

Operating System	Component	Device Name	Vendor Revision
Windows Server 2016 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.2.77
Windows Server 2016 64-bit			
Windows Server 2012 R2 64-bit			
Windows Server 2012 R2 64-bit			
Windows Server 2012 64-bit			
Windows Server 2012 64-bit			
SUSE Linux Enterprise Server 11.4 64-bit	Fibre Channel	AVAGO TECHNOLOGIES:Emulex Network and Fibre Channel Adapter Drivers	8.4.0
Windows Server 2012 R2 64-bit	Fibre Channel	AVAGO TECHNOLOGIES:Emulex Network and Fibre Channel Adapter Drivers and Software Application	9.0.1
Windows Server 2012 64-bit			
SUSE Linux Enterprise Server 11.4 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet adapters	20.2.0
Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet adapters, family 20.2	20.2.4.1
Windows Server 2012 64-bit			
SUSE Linux Enterprise Server 11.4 64-bit	Network	BROADCOM CORPORATION	20.2.0



Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 R2 64-bit Windows Server 2012 64-bit		FOXCONN  INVENTEC:NetXtreme Ethernet adapters	
SUSE Linux Enterprise Server 11.4 64-bit	Network	Fibre Channel, QLogic 82xx, QLogic BCM 57xx/57xxx and QLogic 45xxx series of adapters	10.0.0.16
Windows Server 2012 R2 64-bit Windows Server 2012 64-bit	Network	Intel NIC Family Version 17.5.0 Drivers	17.5.0
SUSE Linux Enterprise Server 11.4 64-bit	Network	Intel NIC Family Version 17.5.0 Linux Base Drivers - RPM Install	17.5.0
Windows Server 2012 R2 64-bit Windows Server 2012 64-bit	Network	INVENTEC:QLogic Network Adapter Windows 64bit drivers	20.0.0
Windows Server 2012 64-bit	Network	Mellanox ConnectX-3 and ConnectX-3 Pro Ethernet adapters	05.10.00
Windows Server 2012 R2 64-bit Windows Server 2012 64-bit	Network	QLogic 64bit Windows Drivers	8.0.18
SUSE Linux Enterprise Server 11.4 64-bit Red Hat Enterprise Linux 6.8 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	14.00.00.00
Windows Server 2012 64-bit Windows Server 2012 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit Windows Server 2016 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	2.51.15.00
Red Hat Enterprise Linux 7.3 64-bit SUSE Linux Enterprise Server 12.2 64-bit SUSE Linux Enterprise Server 11.4 64-bit	SAS RAID	Dell PERC H310/H710/H710P/H810/H330/H730/H730P/H830/SPERC8 Controllers	06.904.09.00
Red Hat Enterprise Linux 6.8 64-bit	SAS RAID	Dell PERC H310/H710/H710P/H810/SPERC8/SPERC8 External/H330/H730/H730P/H830 SAS RAID Controllers	06.904.09.00
Windows Server 2012 64-bit Windows Server 2012 64-bit	SAS RAID	PERC H330/H730/H730P/H830/FD33xD/FD33xS Controllers	6.604.06.00

Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 R2 64-bit			
Windows Server 2012 R2 64-bit			
Windows Server 2016 64-bit			
Windows Server 2016 64-bit			
Windows Server 2012 64-bit	SAS RAID	PERC S130 Controller	4.2.0-0009
Windows Server 2012 R2 64-bit			
Windows Server 2016 64-bit	SAS RAID	PERC S130 Controller	4.2.0-0012
Red Hat Enterprise Linux 6.8 64-bit	System Utilities	RHEL 6.8 64 bit UPDATE	0
Red Hat Enterprise Linux 7.3 64-bit	System Utilities	RHEL 7.3 64 bit UPDATE	0
SUSE Linux Enterprise Server 11.4 64-bit	System Utilities	SLES UPDATE	0
SUSE Linux Enterprise Server 12.2 64-bit			

