

**Lifecycle Controller Operating System Driver
Pack Version 14.08.01
Reference Guide**



Notes, Cautions, and Warnings

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

 **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 Graphical User Interface Version 2.00.00.00 For 13th Generation Dell PowerEdge Servers User's Guide* available at dell.com/esmmanuals.

Accessing documents from Dell support site

You can access the required documents in one of the following ways:

- Using the following links:
 - For all Systems Management documents — dell.com/softwaresecuritymanuals
 - For Remote Enterprise Systems Management documents — dell.com/esmmanuals
 - For Enterprise Systems Management documents — dell.com/openmanagemanuals
 - For Client Systems Management documents — dell.com/clientsystemsmanagement
 - For Serviceability Tools documents — dell.com/serviceabilitytools
 - For OpenManage Connections Enterprise Systems Management documents — dell.com/OMConnectionsEnterpriseSystemsManagement
 - For OpenManage Connections Client Systems Management documents — dell.com/connectionscientsystemsmanagement
- From the Dell Support site:
 - a. Go to dell.com/support/manuals.
 - b. Under **General support** section, click **Software & Security**.
 - c. In the **Software & Security** group box, click the required link from the following:
 - **Serviceability Tools**
 - **Enterprise Systems Management**
 - **Client Systems Management**
 - **Remote Enterprise Systems Management**
 - **Connections Client Systems Management**
 - d. To view a document, click the required product version.
- Using search engines:
 - Type the name and version of the document in the search box.

Contacting Dell

 **NOTE:** If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.

Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area. To contact Dell for sales, technical support, or customer service issues:

1. Go to **dell.com/support**.
2. Select your support category.
3. Verify your country or region in the **Choose a Country/Region** drop-down list at the top of page.
4. Select the appropriate service or support link based on your need.

PowerEdge R630

Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Chipset	Chipset Driver	9.4.2.1019
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Fibre Channel	Emulex: Family Fibre Channel Drivers	8.2.30
Windows Server 2008 R2 64-bit Windows Small Business Server 2011 64-bit	MASS Storage	Custom Files	0.1
SUSE 11 64-bit Red Hat Enterprise Linux 6.5 64-bit	Network	Broadcom: Family Network Drivers	18.4.0
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Network	Broadcom: Family Network Drivers	18.4.1
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit SUSE 11 64-bit Red Hat Enterprise Linux 6.5 64-bit	Network	Intel: Family Network Drivers	16.0.0
Windows Server 2008 R2 64-bit	Network	Mellanox: Family Network Drivers	04.60.00

Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 64-bit			
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Network	Qlogic: Family Network Drivers	6.0.23
SUSE 11 64-bit Red Hat Enterprise Linux 6.5 64-bit	Network	Qlogic: Family Network Drivers	7.0.0.18
SUSE 11 64-bit Red Hat Enterprise Linux 6.5 64-bit Red Hat Enterprise Linux 7.0 64-bit	PCIe SSS	Dell Express Flash NVMe PCIe SSD 1.6TB-MLC Dell Express Flash NVMe PCIe SSD 400GB-MLC Dell Express Flash NVMe PCIe SSD 800GB-MLC	0.8-dell1.17
Windows Server 2012 64-bit Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit	PCIe SSS	Dell Express Flash NVMe PCIe SSD 1.6TB-MLC Dell Express Flash NVMe PCIe SSD 400GB-MLC Dell Express Flash NVMe PCIe SSD 800GB-MLC	1.4.6.22
Windows Server 2012 R2 64-bit Windows Server 2012 64-bit	SAS Non-RAID	Dell 12Gbps SAS HBA	2.50.75.01
SUSE 11 64-bit Red Hat Enterprise Linux 6.5 64-bit	SAS Non-RAID	Dell 12Gbps SAS HBA	4.00.01.00
Windows Server 2008 R2 64-bit	SAS RAID	Dell 12Gbps SAS HBA	2.50.75.01
Red Hat Enterprise Linux 6.5 64-bit SUSE 11 64-bit	SAS RAID	Dell PERC H730 Adapter Dell PERC H730 Mini Monolithic H330 Adapter FH PERC H330 Mini Blade PERC H330 Mini Monolithic	06.901.04.00

Operating System	Component	Device Name	Vendor Revision
		PERC H730 Mini Blade PERC H730 Mini S Blade PERC H730P Adapter PERC H730P Mini Blade PERC H730P Mini Monolithic PERC H730P Mini S Blade PERC H730P Slim Blade PERC H830 Adapter	
Windows Server 2008 R2 64-bit Windows Server 2012 64-bit Windows Server 2012 R2 64-bit	SAS RAID	Dell PERC H730 Adapter Dell PERC H730 Mini Monolithic H330 Adapter FH PERC H330 Mini Blade PERC H330 Mini Monolithic PERC H730 Mini Blade PERC H730 Mini S Blade PERC H730P Adapter PERC H730P Mini Blade PERC H730P Mini Monolithic PERC H730P Mini S Blade PERC H730P Slim Blade PERC H830 Adapter	6.602.07.00
Windows Server 2012 64-bit Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit	SAS RAID	PERC S130 Integrated	4.0.0-0035
Windows Server 2012 64-bit Windows Server 2012 R2 64-bit	SCSI non-RAID	Backplane Driver	NA

Operating System	Component	Device Name	Vendor Revision
Windows Server 2008 R2 64-bit			
SUSE 10 64-bit SUSE 11 64-bit	System Utilities	DKMS	0
Red Hat Enterprise Linux 6.5 64-bit	System Utilities	RHEL 6.5 64 bit Update	0
Red Hat Enterprise Linux 7.0 64-bit	System Utilities	RHEL 7.0 64 bit Update	0
SUSE 11 64-bit SUSE 10 64-bit	System Utilities	SLES Update	0
Windows Server 2008 R2 64-bit	Video	Video Driver	2.4.1.0

PowerEdge R730

Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Chipset	Chipset Driver	9.4.2.1019
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Fibre Channel	Emulex: Family Fibre Channel Drivers	8.2.30
Windows Server 2008 R2 64-bit Windows Small Business Server 2011 64-bit	MASS Storage	Custom Files	0.1
SUSE 11 64-bit Red Hat Enterprise Linux 6.5 64-bit	Network	Broadcom: Family Network Drivers	18.4.0
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Network	Broadcom: Family Network Drivers	18.4.1

Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit SUSE 11 64-bit Red Hat Enterprise Linux 6.5 64-bit	Network	Intel: Family Network Drivers	16.0.0
Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Network	Mellanox: Family Network Drivers	04.60.00
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Network	Qlogic: Family Network Drivers	6.0.23
SUSE 11 64-bit Red Hat Enterprise Linux 6.5 64-bit	Network	Qlogic: Family Network Drivers	7.0.0.18
Windows Server 2012 R2 64-bit Windows Server 2012 64-bit	SAS Non-RAID	Dell 12Gbps SAS HBA	2.50.75.01
SUSE 11 64-bit Red Hat Enterprise Linux 6.5 64-bit	SAS Non-RAID	Dell 12Gbps SAS HBA	4.00.01.00
Windows Server 2008 R2 64-bit	SAS RAID	Dell 12Gbps SAS HBA	2.50.75.01
Red Hat Enterprise Linux 6.5 64-bit SUSE 11 64-bit	SAS RAID	Dell PERC H730 Adapter Dell PERC H730 Mini Monolithic H330 Adapter FH PERC H330 Mini Blade PERC H330 Mini Monolithic PERC H730 Mini Blade PERC H730 Mini S Blade PERC H730P Adapter	06.901.04.00

Operating System	Component	Device Name	Vendor Revision
		PERC H730P Mini Blade PERC H730P Mini Monolithic PERC H730P Mini S Blade PERC H730P Slim Blade PERC H830 Adapter	
Windows Server 2008 R2 64-bit Windows Server 2012 64-bit Windows Server 2012 R2 64-bit	SAS RAID	Dell PERC H730 Adapter Dell PERC H730 Mini Monolithic H330 Adapter FH PERC H330 Mini Blade PERC H330 Mini Monolithic PERC H730 Mini Blade PERC H730 Mini S Blade PERC H730P Adapter PERC H730P Mini Blade PERC H730P Mini Monolithic PERC H730P Mini S Blade PERC H730P Slim Blade PERC H830 Adapter	6.602.07.00
Windows Server 2012 64-bit Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit	SAS RAID	PERC S130 Integrated	4.0.0-0035
Windows Server 2012 64-bit Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit	SCSI non-RAID	Backplane Driver	NA
SUSE 10 64-bit SUSE 11 64-bit	System Utilities	DKMS	0

Operating System	Component	Device Name	Vendor Revision
Red Hat Enterprise Linux 6.5 64-bit	System Utilities	RHEL 6.5 64 bit Update	0
Red Hat Enterprise Linux 7.0 64-bit	System Utilities	RHEL 7.0 64 bit Update	0
SUSE 11 64-bit SUSE 10 64-bit	System Utilities	SLES Update	0
Windows Server 2008 R2 64-bit	Video	Video Driver	2.4.1.0

PowerEdge R730XD

Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Chipset	Chipset Driver	9.4.2.1019
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Fibre Channel	Emulex: Family Fibre Channel Drivers	8.2.30
Windows Server 2008 R2 64-bit Windows Small Business Server 2011 64-bit	MASS Storage	Custom Files	0.1
SUSE 11 64-bit Red Hat Enterprise Linux 6.5 64-bit	Network	Broadcom: Family Network Drivers	18.4.0
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Network	Broadcom: Family Network Drivers	18.4.1
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit SUSE 11 64-bit	Network	Intel: Family Network Drivers	16.0.0

Operating System	Component	Device Name	Vendor Revision
Red Hat Enterprise Linux 6.5 64-bit			
Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Network	Mellanox: Family Network Drivers	04.60.00
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Network	Qlogic: Family Network Drivers	6.0.23
SUSE 11 64-bit Red Hat Enterprise Linux 6.5 64-bit	Network	Qlogic: Family Network Drivers	7.0.0.18
SUSE 11 64-bit Red Hat Enterprise Linux 6.5 64-bit Red Hat Enterprise Linux 7.0 64-bit	PCIe SSS	Dell Express Flash NVMe PCIe SSD 1.6TB-MLC Dell Express Flash NVMe PCIe SSD 400GB-MLC Dell Express Flash NVMe PCIe SSD 800GB-MLC	0.8-dell1.17
Windows Server 2012 64-bit Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit	PCIe SSS	Dell Express Flash NVMe PCIe SSD 1.6TB-MLC Dell Express Flash NVMe PCIe SSD 400GB-MLC Dell Express Flash NVMe PCIe SSD 800GB-MLC	1.4.6.22
Windows Server 2012 R2 64-bit Windows Server 2012 64-bit	SAS Non-RAID	Dell 12Gbps SAS HBA	2.50.75.01
SUSE 11 64-bit Red Hat Enterprise Linux 6.5 64-bit	SAS Non-RAID	Dell 12Gbps SAS HBA	4.00.01.00
Windows Server 2008 R2 64-bit	SAS RAID	Dell 12Gbps SAS HBA	2.50.75.01
Red Hat Enterprise Linux 6.5 64-bit SUSE 11 64-bit	SAS RAID	Dell PERC H730 Adapter Dell PERC H730 Mini Monolithic H330 Adapter FH	06.901.04.00

Operating System	Component	Device Name	Vendor Revision
		PERC H330 Mini Blade PERC H330 Mini Monolithic PERC H730 Mini Blade PERC H730 Mini S Blade PERC H730P Adapter PERC H730P Mini Blade PERC H730P Mini Monolithic PERC H730P Mini S Blade PERC H730P Slim Blade PERC H830 Adapter	
Windows Server 2008 R2 64-bit Windows Server 2012 64-bit Windows Server 2012 R2 64-bit	SAS RAID	Dell PERC H730 Adapter Dell PERC H730 Mini Monolithic H330 Adapter FH PERC H330 Mini Blade PERC H330 Mini Monolithic PERC H730 Mini Blade PERC H730 Mini S Blade PERC H730P Adapter PERC H730P Mini Blade PERC H730P Mini Monolithic PERC H730P Mini S Blade PERC H730P Slim Blade PERC H830 Adapter	6.602.07.00
Windows Server 2012 64-bit Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit	SCSI non-RAID	Backplane Driver	NA

Operating System	Component	Device Name	Vendor Revision
SUSE 10 64-bit SUSE 11 64-bit	System Utilities	DKMS	0
Red Hat Enterprise Linux 6.5 64-bit	System Utilities	RHEL 6.5 64 bit Update	0
Red Hat Enterprise Linux 7.0 64-bit	System Utilities	RHEL 7.0 64 bit Update	0
SUSE 11 64-bit SUSE 10 64-bit	System Utilities	SLES Update	0
Windows Server 2008 R2 64-bit	Video	Video Driver	2.4.1.0

PowerEdge T630

Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Chipset	Chipset Driver	9.4.2.1019
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Fibre Channel	Emulex: Family Fibre Channel Drivers	8.2.30
Windows Server 2008 R2 64-bit Windows Small Business Server 2011 64-bit	MASS Storage	Custom Files	0.1
SUSE 11 64-bit Red Hat Enterprise Linux 6.5 64-bit	Network	Broadcom: Family Network Drivers	18.4.0
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Network	Broadcom: Family Network Drivers	18.4.1
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit	Network	Intel: Family Network Drivers	16.0.0

Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 64-bit SUSE 11 64-bit Red Hat Enterprise Linux 6.5 64-bit			
Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Network	Mellanox: Family Network Drivers	04.60.00
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Network	Qlogic: Family Network Drivers	6.0.23
SUSE 11 64-bit Red Hat Enterprise Linux 6.5 64-bit	Network	Qlogic: Family Network Drivers	7.0.0.18
SUSE 11 64-bit Red Hat Enterprise Linux 6.5 64-bit Red Hat Enterprise Linux 7.0 64-bit	PCIe SSS	Dell Express Flash NVMe PCIe SSD 1.6TB-MLC Dell Express Flash NVMe PCIe SSD 400GB-MLC Dell Express Flash NVMe PCIe SSD 800GB-MLC	0.8-dell1.17
Windows Server 2012 64-bit Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit	PCIe SSS	Dell Express Flash NVMe PCIe SSD 1.6TB-MLC Dell Express Flash NVMe PCIe SSD 400GB-MLC Dell Express Flash NVMe PCIe SSD 800GB-MLC	1.4.6.22
Windows Server 2012 R2 64-bit Windows Server 2012 64-bit	SAS Non-RAID	Dell 12Gbps SAS HBA	2.50.75.01
SUSE 11 64-bit Red Hat Enterprise Linux 6.5 64-bit	SAS Non-RAID	Dell 12Gbps SAS HBA	4.00.01.00
Windows Server 2008 R2 64-bit	SAS RAID	Dell 12Gbps SAS HBA	2.50.75.01
Red Hat Enterprise Linux 6.5 64-bit	SAS RAID	Dell PERC H730 Adapter Dell PERC H730 Mini Monolithic	06.901.04.00

Operating System	Component	Device Name	Vendor Revision
SUSE 11 64-bit		H330 Adapter FH PERC H330 Mini Blade PERC H330 Mini Monolithic PERC H730 Mini Blade PERC H730 Mini S Blade PERC H730P Adapter PERC H730P Mini Blade PERC H730P Mini Monolithic PERC H730P Mini S Blade PERC H730P Slim Blade PERC H830 Adapter	
Windows Server 2008 R2 64-bit Windows Server 2012 64-bit Windows Server 2012 R2 64-bit	SAS RAID	Dell PERC H730 Adapter Dell PERC H730 Mini Monolithic H330 Adapter FH PERC H330 Mini Blade PERC H330 Mini Monolithic PERC H730 Mini Blade PERC H730 Mini S Blade PERC H730P Adapter PERC H730P Mini Blade PERC H730P Mini Monolithic PERC H730P Mini S Blade PERC H730P Slim Blade PERC H830 Adapter	6.602.07.00
Windows Server 2012 64-bit Windows Server 2012 R2 64-bit	SAS RAID	PERC S130 Integrated	4.0.0-0035

Operating System	Component	Device Name	Vendor Revision
Windows Server 2008 R2 64-bit			
Windows Server 2012 64-bit Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit	SCSI non-RAID	Backplane Driver	NA
SUSE 10 64-bit SUSE 11 64-bit	System Utilities	DKMS	0
Red Hat Enterprise Linux 6.5 64-bit	System Utilities	RHEL 6.5 64-bit Update	0
Red Hat Enterprise Linux 7.0 64-bit	System Utilities	RHEL 7.0 64-bit Update	0
SUSE 11 64-bit SUSE 10 64-bit	System Utilities	SLES Update	0
Windows Server 2008 R2 64-bit	Video	Video Driver	2.4.1.0