

Overview

Dell PowerEdge R230 Server provides consolidate data and drive applications faster with the powerful, efficient and versatile PowerEdge R230 1U socket, 1U entry rack server. This model is the Dell PowerEdge R430 server with Intel® Xeon® E3-1225 v5 processor, Windows Server® 2012 Foundation, 16GB Memory, 1TB SATA Hard Drive and a 3 Year Warranty.

Quick Specs

Figure 1 shows the appearance of Dell PowerEdge R230 Server.

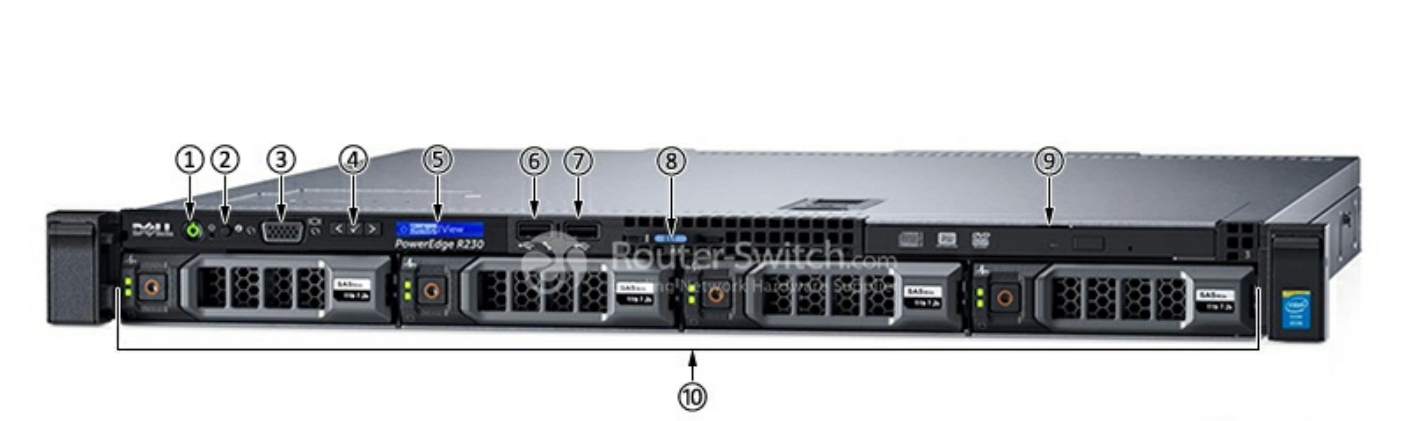


Table 1 shows the quick spec.

Product Model	Dell PowerEdge R230 Xeon E3-1225 v5 16GB 1TB SATA Rack Server
Product Series	Dell PowerEdge R230 Server
Customizable	Intel® Xeon® E3-1225 v5, Windows Server® 2012 Foundation, 16GB Memory, 1TB SATA Hard Drive and a 3 Year Warranty
Base	PowerEdge R230 Server
Processor	Intel® Xeon® E3-1225 v5 3.3GHz, 8M cache, 4C/4T, turbo (80W)
Operating System	Windows Server® 2012R2,Foundation Ed,Factory Install,No MED
Memory	16GB (1x16GB) 2400MT/s DDR4 ECC UDIMM
Hard Drive	1TB 7.2K RPM SATA 6Gbps 3.5in Cabled Hard Drive
RAID Controllers	S130, H330, H730, H830
Chassis	2 x 3.5" cabled HDD 19.5" 1U chassis 4 x 3.5" cabled HDD 19.5" 1U chassis 4 x 3.5" Hot-Plug HDD 19.5" 1U chassis
Dimensions	Depth without bezel: 495.0 mm (19.5 in) Depth with bezel: 551.3 mm (21.7 in) Height: 42.8 mm (1.68 in) Width without rack latches: 434.0 mm (17.08 in) Width with rack latches: 482.4 mm (18.99 in)

Product Details

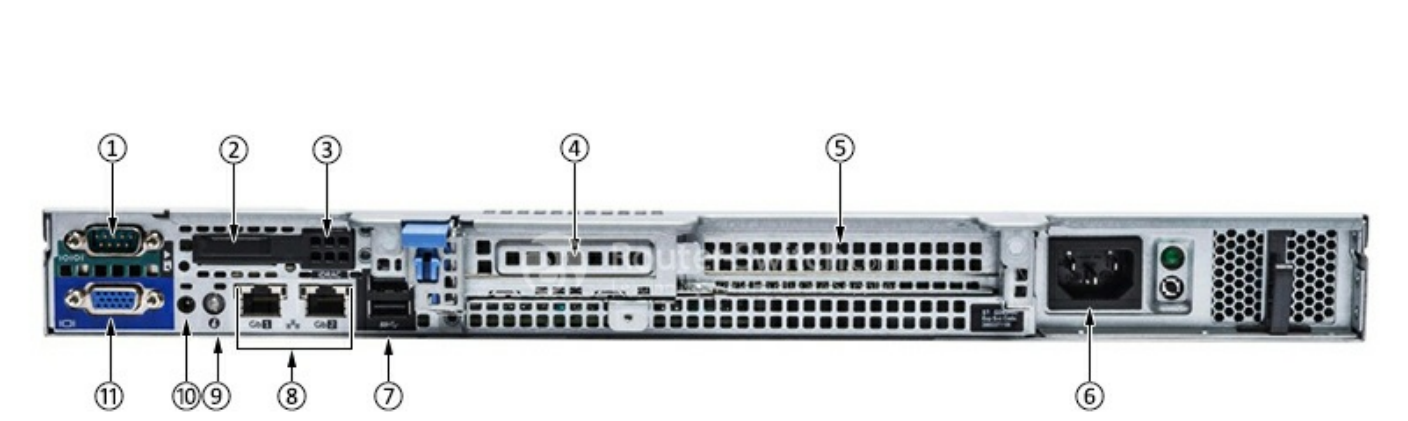
Figure 2 shows the four 3.5-inch or 2.5-inch hot swappable hard drive chassis of Dell PowerEdge R230 Server.



Note:

(1)	Power-on indicator, power button	(6)	USB management port/iDRAC Direct port
(2)	NMI button and System identification button	(7)	USB connector
(3)	Video connector	(8)	Information tag
(4)	LCD menu buttons	(9)	Optical drive (optional)
(5)	LCD panel	(10)	Hard drives

Figure 3 shows the back panel of Dell PowerEdge R230 Server.



Note:

(1)	Serial connector	(7)	USB connectors (2)
(2)	vFlash card slot (optional)	(8)	Ethernet connectors
(3)	iDRAC port (optional)	(9)	System identification connector
(4)	PCIe expansion card slot (x8 slot, low profile)	(10)	System identification button
(5)	PCIe expansion card slot (x16 slot, full height)	(11)	Video connector
(6)	Power supply unit (PSU)		

Compare to Similar Item

Table 2 shows the comparison.

Product Model	Dell PowerEdge R230 Xeon E3-1225 v5 16GB 1TB SATA Rack Server	Dell PowerEdge R230 Xeon E3-1240 v5 16GB 2TB SATA Rack Server
Product Series	Dell PowerEdge R230 Server	Dell PowerEdge R230 Server
Processor	Intel® Xeon® E3-1225 v5 3.3GHz, 8M cache, 4C/4T, turbo (80W)	Intel Xeon E3-1240L v5 2.1GHz, 8M cache, 4C/8T, turbo (25W)
Operating System	Windows Server® 2012R2,Foundation Ed,Factory Install,No MED	Windows Server® 2012R2,Foundation Ed,Factory Install,No MED
Memory	16GB (1x16GB) 2400MT/s DDR4 ECC UDIMM	16GB (1x16GB) 2400MT/s DDR4 ECC UDIMM
Hard Drive	1TB 7.2K RPM SATA 6Gbps 3.5in Cabled Hard Drive	2TB 7.2K RPM SATA 6Gbps 3.5in Cabled Hard Drive

Dell Server Configuration

Table 3 shows the Dell R230 Server Configuration. You can contact us to order a R230 server according to this guide.

Model	PowerEdge R230
Description	Consolidate data and drive applications faster with the powerful, efficient and versatile PowerEdge R230 1-socket, 1U entry rack server
Processor	1 processor from the following product families: Intel® Xeon® processor E3-1200 v6 product family Intel Pentium® Intel Core i3® Intel Celeron®
Memory	Architecture: Up to 2400MT/s DDR4 DIMMs Memory Type: UDIMMs Memory Module Sockets: 4 Maximum RAM: Up to 64GB
PCI Slots	2 x PCIe 3.0 slots: x16 slot, full height (1x8 PCIe 3.0)+ x8 slot, low profile (1x4 PCIe 3.0)
Network Controller	2 X 1GbE
Storage	2.5" SATA 7.2K 2.5" nearline SAS 7.2K 2.5" 10K SAS HDDs 2.5" 15K SAS HDDs 2.5" SATA HDDs 3.5" Enterprise SATA 7.2K HDDs 3.5" nearline SAS 7.2K HDDs 3.5" 7.2K SATA entry drives

Get more information

Do you have any question about the Dell PowerEdge R230 Xeon E3-1225 v5 16GB 1TB SATA Rack Server?

Contact us now via [Live Chat](#) or sales@router-switch.com.

Specification

Dell PowerEdge R230 Xeon E3-1225 v5 16GB 1TB SATA Rack Server Specification	
Product Series	Dell PowerEdge R230 Server
Model	pe_r230_1346_b
Customizable	Intel® Xeon® E3-1225 v5, Windows Server® 2012 Foundation, 16GB Memory, 1TB SATA Hard Drive and a 3 Year Warranty
Base	PowerEdge R230 Server

Processor	Intel® Xeon® E3-1225 v5 3.3GHz, 8M cache, 4C/4T, turbo (80W)
Operating System	Windows Server® 2012R2,Foundation Ed,Factory Install,No MED
Memory	16GB (1x16GB) 2400MT/s DDR4 ECC UDIMM
Hard Drive	1TB 7.2K RPM SATA 6Gbps 3.5in Cabled Hard Drive
Warranty	3 Year Basic Hardware Warranty Repair, 5X10 HW-Only, 5x10 NBD On-site
Chipset	Intel C236
Embedded Hypervisor (Optional)	Hypervisor Support Microsoft Windows Server with Hyper-V® VMware® vSphere® ESXi®
Storage	2.5" SATA 7.2K 2.5" nearline SAS 7.2K 2.5" 10K SAS HDDs 2.5" 15K SAS HDDs 2.5" SATA HDDs 3.5" Enterprise SATA 7.2K HDDs 3.5" nearline SAS 7.2K HDDs 3.5" 7.2K SATA entry drives
Drive Bays	2 x 3.5" cabled HDD 4 x 3.5" cabled HDD 4 x 3.5" hot swap or 2.5" hot swap in hybrid drive carrier
Slots	2 x PCIe 3.0 slots: x16 slot, full height (1x8 PCIe 3.0)+ x8 slot, low profile (1x4 PCIe 3.0)
RAID Controllers	S130, H330, H730, H830
Network Controller	Broadcom® BCM5720
Communications	2 x 1GbE LOM
Power	250W cabled PSU
Chassis	2 x 3.5" cabled HDD 19.5" 1U chassis 4 x 3.5" cabled HDD 19.5" 1U chassis 4 x 3.5" Hot-Plug HDD 19.5" 1U chassis
Management	Systems management: IPMI 2.0 compliant Dell OpenManage Essentials Dell OpenManage Mobile Dell OpenManage Power Center Dell OpenManage Integrations: Dell OpenManage Integration Suite for Microsoft System Center Dell OpenManage Integration for VMware vCenter™ Dell OpenManage Connections: HP Operations Manager, IBM Tivoli® Netcool® and CA Network and Systems Management Dell OpenManage Plug-in for Oracle® Database Manager Remote management: iDRAC8 with Lifecycle Controller, iDRAC8 Express (default), iDRAC8 Enterprise (upgrade), 8GB vFlash media (upgrade),16GB vFlash media (upgrade)
Device Access	5 Total USB: Rear: 2 x USB 3.0 ports Front: 2 x USB 2.0 ports Internal: 1 x USB 3.0 port
Rack Support	ReadyRails™ static rails for tool-less mounting in 4-post racks with square or unthreaded round holes or tooled mounting in 4-post threaded and 2-post racks.

Dimensions	Depth without bezel: 495.0 mm (19.5 in) Depth with bezel: 551.3 mm (21.7 in) Height: 42.8 mm (1.68 in) Width without rack latches: 434.0 mm (17.08 in) Width with rack latches: 482.4 mm (18.99 in)
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