pe_r430_11598_b Datasheet

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Overview

Dell PowerEdge R430 Server delivers peak 2-socket performance for HPC, web tech and infrastructure scale-out. R430 provides Intel® Xeon® processor E5-2600 v4 product family and Processor sockets is 2. It provides 1U Rack chassis, Intel® C610 series chipset and 2 PCIe 3.0 slots. This model is the Dell PowerEdge R430 server with Intel® Xeon® E5-2630 v4 processor, Windows Server® 2016 Standard, 16GB Memory, 1TB SAS Hard Drive and a 3 Year Warranty.

Quick Specs

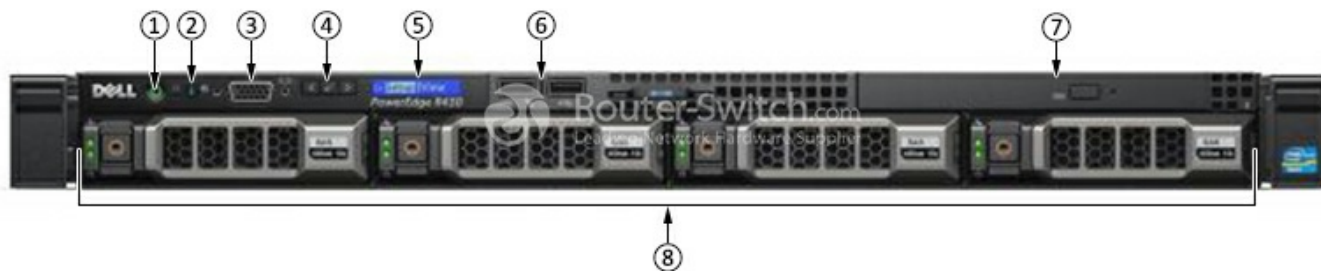**Figure 1 shows the appearance of Dell PowerEdge R430 Server.**

Table 1 shows the quick spec.

Product Model	Dell PowerEdge R430 Xeon E5-2630 v4 16GB 1TB SAS Rack Server
Product Series	Dell PowerEdge R430 Server
Customizable	Intel® Xeon® E5-2630 v4, Windows Server® 2016 Standard, 16GB Memory, 1TB SAS Hard Drive and a 3 Year Warranty
Processor	Intel® Xeon® E5-2630 v4 2.2GHz,25M Cache,8.0 GT/s QPI,Turbo,HT,10C/20T (85W) Max Mem 2133MHz
Operating System	Windows Server® 2016,Standard,16CORE,Factory Inst,No MED,NO CAL
Memory	16GB RDIMM, 2400MT/s, Dual Rank, x8 Data Width
Hard Drive	1TB Hard Drive
Drive Bays	Multiple R430 chassis available: 10 x 2.5" hot-plug drives 8 x 2.5" hot-plug drives 4 x 3.5" hot-plug drives 4 x 3.5" cabled drives
RAID Controllers	Internal: PERC S130 PERC H330 PERC H730 PERC H730P External: PERC H830
Chassis	1U rack

Product Details

Figure 2 shows the four 3.5-inch cabled hard drive chassis of Dell PowerEdge R430 Server.
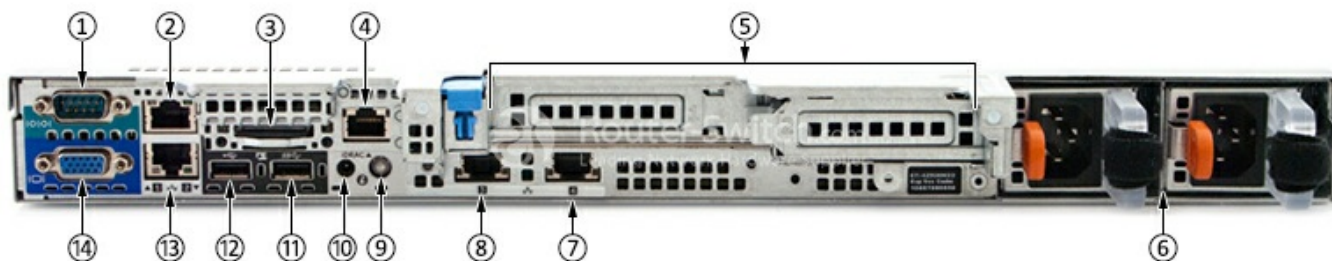

Note:

(1)	Power-on indicator, power button	(5)	LED Panel
(2)	NMI button and System identification button	(6)	USB connectors
(3)	Video connector	(7)	Optical drive or solid state drive (SSDs) slot
(4)	Diagnostic indicators	(8)	Hard drive slots

· There are also 4 x 3.5-inch hard drive chassis, 8 x 2.5 inch hard drives or SSDs system chassis and 10 x 2.5-inch hard drives or SSDs system chassis supported for R430 servers. This pe_r430_11598_b supports 3.5-inch cabled hard drive chassis.

Figure 3 shows the Redundant PSU back panel of Dell PowerEdge R430 Server.

Note:

(1)	Serial connector	(8)	Ethernet connector 3
(2)	Ethernet connector 1	(9)	System identification connector
(3)	vFlash card slot (optional)	(10)	System identification button
(4)	iDRAC port (optional)	(11)	USB connector
(5)	PCIe expansion card slots (2)	(12)	USB connector
(6)	Power supply unit (PSU1 and PSU2)	(13)	Ethernet connector 2
(7)	Ethernet connector 4	(14)	Video connector

· There is also a Cabled PSU back panel which supports Cabled PSU.

Compare to Similar Item

Table 2 shows the comparison.

Product Model	Dell PowerEdge R430 Xeon E5-2630 v4 16GB 1TB SAS Rack Server	Dell PowerEdge R430 Xeon E5-2640 v4 32GB 2TB SAS Rack Server
Product Series	Dell PowerEdge R430 Server	Dell PowerEdge R430 Server
Processor	Intel® Xeon® E5-2630 v4 2.2GHz,25M Cache,8.0 GT/s QPI,Turbo,HT,10C/20T (85W) Max Mem 2133MHz	Intel® Xeon® E5-2640 v4 2.4GHz,25M Cache,8.0GT/s QPI,Turbo,HT,10C/20T (90W) Max Mem 2133MHz
Operating System	Windows Server® 2016,Standard,16CORE,Factory Inst,No MED,NO CAL	Windows Server® 2016,Standard,16CORE,Factory Inst,No MED,NO CAL
Memory	16GB RDIMM, 2400MT/s, Dual Rank, x8 Data Width	32GB RDIMM, 2400MT/s, Dual Rank, x4 Data Width
Hard Drive	1TB Hard Drive	2TB Hard Drive

Dell Server Configuration

Table 3 shows the Dell R430 Server Configuration. You can contact us to order a R430 server according to this guide.

Model	PowerEdge R430
Description	Peak 2-socket performance for HPC, web tech and infrastructure scale-out.
Processor	Intel® Xeon® processor E5-2600 v4 product family Processor sockets: 2
Memory	DDR4 DIMMs at up to 2133MT/s Maximum RAM: Up to 384GB (12 DIMM slots): 2GB/4GB/8GB/16GB/32GB
PCI Slots	2 PCIe 3.0
Network Controller	4 x 1GbE
Storage	SAS, SATA, Nearlline SAS, SSD

Get more information

Do you have any question about the Dell PowerEdge R430 Xeon E5-2630 v4 16GB 1TB SAS Rack Server?

Contact us now via **Live Chat** or **sales@router-switch.com**.

Specification

Dell PowerEdge R430 Xeon E5-2630 v4 16GB 1TB SAS Rack Server Specification	
Product Series	Dell PowerEdge R430 Server
Model	Dell PowerEdge R430 Xeon E5-2630 v4 16GB 1TB SAS Rack Server
Customizable	Intel® Xeon® E5-2630 v4, Windows Server® 2016 Standard, 16GB Memory, 1TB SAS Hard Drive and a 3 Year Warranty
Processor	Intel® Xeon® E5-2630 v4 2.2GHz,25M Cache,8.0 GT/s QPI,Turbo,HT,10C/20T (85W) Max Mem 2133MHz
Operating System	Windows Server® 2016,Standard,16CORE,Factory Inst,No MED,NO CAL
Memory	16GB RDIMM, 2400MT/s, Dual Rank, x8 Data Width
Hard Drive	1TB Hard Drive
Warranty	3 Year Basic Hardware Warranty Repair, 5X10 HW-Only, 5x10 NBD On-site

Chipset	Intel® C610 series chipset
Storage	SAS, SATA, Nearlline SAS, SSD
Drive Bays	Multiple R430 chassis available: 10 x 2.5" hot-plug drives 8 x 2.5" hot-plug drives 4 x 3.5" hot-plug drives 4 x 3.5" cabled drives
Slots	2 PCIe 3.0
RAID Controllers	Internal: PERC S130 PERC H330 PERC H730 PERC H730P External: PERC H830
Network Controller	4 x 1GbE LOM
Communications	Optional add-in NICs, HBAs
Power	450W, 550W PSU
Availability	ECC memory Single Device Data Correction (SDDC) Spare Rank Hot-plug hard drives Hot-plug redundant power iDRAC8 with Lifecycle Controller Support for HA clustering Virtualization-ready Internal Dual SD Module (Failsafe Hypervisor) TPM 1.2
Graphics Card	Video Type: Integrated Matrox G200 with iDRAC8 Video Memory: 16MB shared with iDRAC8 application memory
Chassis	1U Rack
Management	Systems management: IPMI 2.0 compliant Dell OpenManage Essentials Dell OpenManage Mobile Dell OpenManage Power Center Remote management: iDRAC8 with Lifecycle Controller iDRAC8 Express (default) iDRAC8 Enterprise (upgrade) 8GB vFlash media (upgrade) 16GB vFlash media (upgrade) iDRAC Quick Sync 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

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