

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.

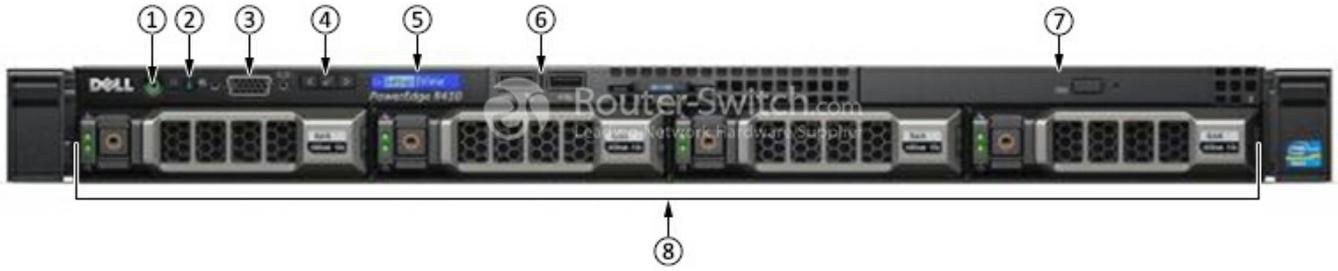


Table 1 shows the quick spec.

| | |
|-------------------------|---|
| 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.

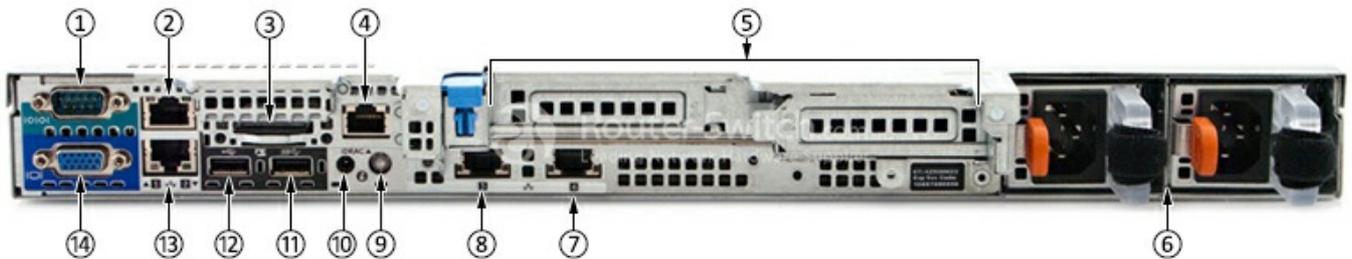


Note:

| | | | |
|-----|---|-----|--|
| (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, Nearline 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, Nearline 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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