pe_r730_1356 Datasheet

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Overview

Dell PowerEdge R730 Server adapts to virtually any workload with a scalable server featuring an optimal mix of memory, storage, processing and GPUs. This model is the Dell PowerEdge R730 server with Intel® Xeon® E5-2603 v4 processor, Optional Operating System, 4GB Memory, 1TB SAS H330 Hard Drive and a 3 Year Warranty.

Quick Specs

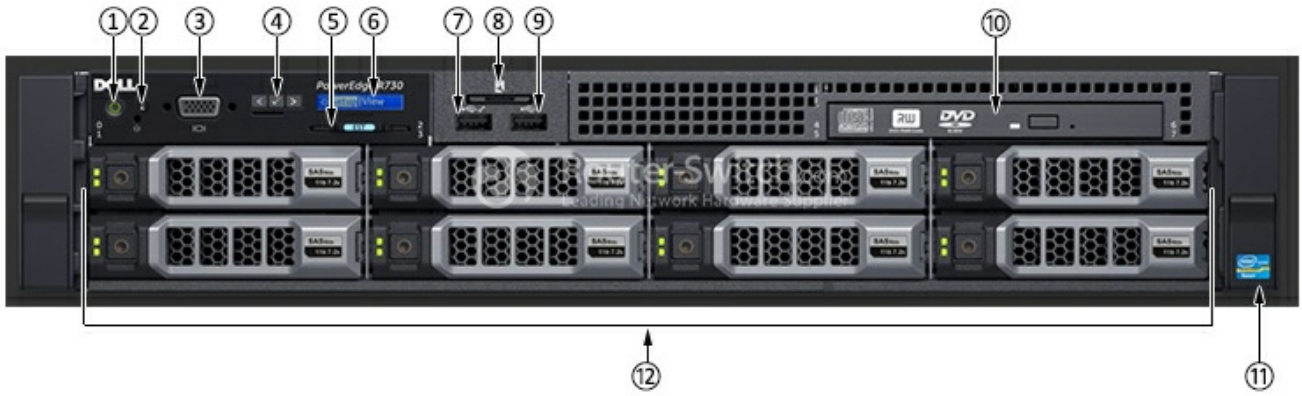**Figure 1 shows the appearance of Dell PowerEdge R730 Server.**

Table 1 shows the quick spec.

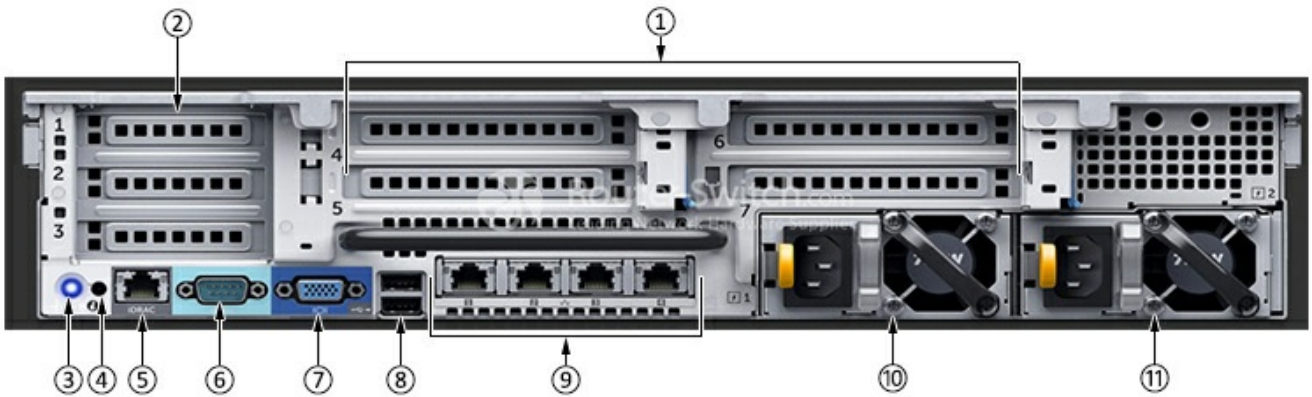|	
Product Model	Dell PowerEdge R730 Xeon E5-2603 v4 4GB 1TB SAS H330 Rack Server
Product Series	Dell PowerEdge R730 Server
Fully Customizable	Intel® Xeon® E5-2603 v4, Optional Operating System, 4GB Memory, 1TB SAS H330 Hard Drive and a 3 Year Warranty
Processor	Intel® Xeon® E5-2603 v4 1.7GHz,15M Cache,6.4GT/s QPI,6C/6T (85W) Max Mem 1866MHz
Operating System	No Operating System
Memory	4GB RDIMM, 2400MT/s, Single Rank, x8 Data Width
Hard Drive	1TB 7.2K RPM SATA 6Gbps 3.5in Hot-plug Hard Drive
Drive Bays	Internal hard drive bay and hot-plug backplane: Up to 16 x 2.5" HDD: SAS, SATA, Near-line SAS SSD: SAS, SATA Up to 8 x 3.5" HDD: SAS, SATA, Near-line SAS SSD: SAS, SATA
RAID Controllers	Internal: PERC S130 PERC H330 PERC H730 PERC H730P External: PERC H830
Chassis	Dimensions: H: 8.73 cm (3.44 in.) x W: 44.40 cm (17.49 in.) x D: 68.40 cm (26.92 in.)

Product Details

Figure 2 shows the 3.5-inch hard drive chassis of Dell PowerEdge R730 Server.

Note:

(1)	Power button	(7)	USB management port/iDRAC Direct
(2)	NMI button System identification button	(8)	vFlash media card slot
(3)	Video connector	(9)	USB port
(4)	LCD menu buttons	(10)	Optical drive
(5)	Information tag	(11)	Hard drives
(6)	LCD panel	(12)	Quick Sync

Figure 3 shows back panel of Dell PowerEdge R730 Server.

Note:

(1)	Full-height PCIe expansion card slot (4)	(7)	Video connector
(2)	Half-height PCIe expansion card slot (3)	(8)	USB port
(3)	System identification button	(9)	Ethernet connector
(4)	System identification connector	(10)	Power supply unit 1
(5)	iDRAC8 Enterprise port	(11)	Power supply unit 2
(6)	Serial connector		

Compare to Similar Item

Table 2 shows the comparison.

Product Model	Dell PowerEdge R730 Xeon E5-2603 v4 4GB 1TB SAS H330 Rack Server	Dell PowerEdge R730 Xeon E5-2620 v4 8GB 2TB SAS H330 Rack Server
Product Series	Dell PowerEdge R730 Server	Dell PowerEdge R730 Server
Processor	Intel® Xeon® E5-2603 v4 1.7GHz,15M Cache,6.4GT/s QPI,6C/6T (85W) Max Mem 1866MHz	Intel® Xeon® E5-2620 v4 2.1GHz,20M Cache,8.0GT/s QPI,Turbo,HT,8C/16T (85W) Max Mem 2133MHz
Operating System	No Operating System	No Operating System
Memory	4GB RDIMM, 2400MT/s, Single Rank, x8 Data Width	8GB RDIMM, 2400MT/s, Single Rank, x8 Data Width
Hard Drive	1TB Hard Drive	2TB Hard Drive

Dell Server Configuration

Table 3 shows the Dell R730 Server Configuration. You can contact us to order a R730 server according to this guide.

Model	PowerEdge R730
Description	Adapt to virtually any workload with a scalable server featuring an optimal mix of memory, storage, processing and GPUs
Processor	Intel® Xeon® processor E5-2600 v4 product family
Memory	Up to 1.5TB (24 DIMM slots): 4GB/8GB/16GB/32GB/64GB DDR4 up to 2400MT/s
PCI Slots	Slot configuration #1: Slot 1: Half Length, Half Height, PCIe Gen3 x8 (x16 connector) low profile brackett Slot 2: Half Length, Half Height, PCIe Gen3 x8 (x16 connector) low profile brackett Slot 3: Half Length, Half Height, PCIe Gen3 x8 (x16 connector) low profile brackett Slot 4: Full Length, Full Height, PCIe Gen3 x16 (x16 connector) Slot 5: Full Length, Full Height, PCIe Gen3 x8 (x16 connector) Slot 6: Full Length, Full Height, PCIe Gen3 x8 (x16 connector) Slot 7: Full Length, Full Height, PCIe Gen3 x8 (x16 connector) Dedicated RAID card slot Slot configuration #2: Slot 1: Half Length, Half Height, PCIe Gen3 x8 (x16 connector) low profile bracket Slot 2: Half Length, Half Height, PCIe Gen3 x8 (x16 connector) low profile bracket Slot 3: Half Length, Half Height, PCIe Gen3 x8 (x16 connector) low profile bracket Slot 4: Full Length, Full Height, PCIe Gen3 x16 (x16 connector) Slot 5: Full Length, Full Height, PCIe Gen3 x8 (x16 connector) Slot 6: Full Length, Full Height, PCIe Gen3 x16 (x16 connector) Dedicated RAID card slot
Network Controller	4 x 1Gb, 2 x 1Gb + 2 x 10Gb, 4 x 10Gb
Storage	HDD: SAS, SATA, nearline SAS; SSD: SAS, SATA 16 x 2.5" – up to 29TB via 1.8TB hot-plug SAS hard drives 8 x 3.5" – up to 64TB via 8TB hot-plug nearline SAS hard drives

Get more information

Do you have any question about the Dell PowerEdge R730 Xeon E5-2603 v4 4GB 1TB SAS H330 Rack Server?

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

Specification

Dell PowerEdge R730 Xeon E5-2603 v4 4GB 1TB SAS H330 Rack Server Specification	
Product Series	Dell PowerEdge R730 Server
Model	Dell PowerEdge R730 Xeon E5-2603 v4 4GB 1TB SAS H330 Rack Server

Fully Customizable	Intel® Xeon® E5-2603 v4, Optional Operating System, 4GB Memory, 1TB SAS H330 Hard Drive and a 3 Year Warranty
Processor	Intel® Xeon® E5-2603 v4 1.7GHz,15M Cache,6.4GT/s QPI,6C/6T (85W) Max Mem 1866MHz
Operating System	No Operating System
Memory	4GB RDIMM, 2400MT/s, Single Rank, x8 Data Width
Hard Drive	1TB Hard Drive
Warranty	3Yr Basic HW Warranty Repair, 5x10 NBD Onsite
Chipset	Intel C610 series chipset
Embedded Hypervisor (Optional)	Optional supported hypervisors: Microsoft® Windows Server® 2012, with Hyper-V® Citrix® XenServer® VMware® vSphere® ESXiTM
Storage	HDD: SAS, SATA, nearline SAS; SSD: SAS, SATA 16 x 2.5" – up to 29TB via 1.8TB hot-plug SAS hard drives 8 x 3.5" – up to 64TB via 8TB hot-plug nearline SAS hard drives
Drive Bays	Internal hard drive bay and hot-plug backplane: Up to 16 x 2.5" HDD: SAS, SATA, Near-line SAS SSD: SAS, SATA Up to 8 x 3.5" HDD: SAS, SATA, Near-line SAS SSD: SAS, SATA
Slots	Slot configuration #1: Slot 1: Half Length, Half Height, PCIe Gen3 x8 (x16 connector) low profile brackett Slot 2: Half Length, Half Height, PCIe Gen3 x8 (x16 connector) low profile brackett Slot 3: Half Length, Half Height, PCIe Gen3 x8 (x16 connector) low profile brackett Slot 4: Full Length, Full Height, PCIe Gen3 x16 (x16 connector) Slot 5: Full Length, Full Height, PCIe Gen3 x8 (x16 connector) Slot 6: Full Length, Full Height, PCIe Gen3 x8 (x16 connector) Slot 7: Full Length, Full Height, PCIe Gen3 x8 (x16 connector) Dedicated RAID card slot Slot configuration #2: Slot 1: Half Length, Half Height, PCIe Gen3 x8 (x16 connector) low profile bracket Slot 2: Half Length, Half Height, PCIe Gen3 x8 (x16 connector) low profile bracket Slot 3: Half Length, Half Height, PCIe Gen3 x8 (x16 connector) low profile bracket Slot 4: Full Length, Full Height, PCIe Gen3 x16 (x16 connector) Slot 5: Full Length, Full Height, PCIe Gen3 x8 (x16 connector) Slot 6: Full Length, Full Height, PCIe Gen3 x16 (x16 connector) Dedicated RAID card slot
RAID Controllers	Internal: PERC S130 PERC H330 PERC H730 PERC H730P External: PERC H830
Network Controller	4 x 1Gb, 2 x 1Gb + 2 x 10Gb, 4 x 10Gb
Communications	Broadcom® 5719 quad-port 1Gb NIC Broadcom 5720 dual-port 1Gb NIC Broadcom 57810 dual-port 10Gb DA/SFP+ CNA Broadcom 57810 dual-port 10Gb Base-T network adapter Intel® Ethernet I350 dual-port 1Gb server adapter Intel Ethernet I350 quad-port 1Gb server adapter Intel Ethernet X540 dual-port 10GBASE-T server adapter Mellanox® ConnectX®-3 dual-port 10Gb Direct Attach/SFP+ server network adapter Mellanox ConnectX-3 dual-port 40Gb Direct Attach/QSFP server network adapter Emulex® LPE 12000, single-port 8Gb Fibre Channel HBA Emulex LPE 12002, dual-port 8Gb Fibre Channel HBA Emulex LPe16000B, single-port 16Gb Fibre Channel HBA Emulex LPe16002B, dual-port 16Gb Fibre Channel HBA Emulex OneConnect OCe14102-U1-D 2-port PCIe 10GbE CNA QLogic® 2560, single-port 8Gb Optical Fibre Channel HBA QLogic 2562, dual-port 8Gb Optical Fibre Channel HBA Qlogic 2660, single-port 16GB, Fibre Channel HBA, full height Qlogic 2662, dual-port 16GB, Fibre Channel HBA, full height

Power	1100W AC, 86 mm (Platinum) 1100W DC, 86 mm (Gold) 750W AC, 86 mm (Platinum) 750W AC, 86 mm (Diamond) 495W AC, 86 mm (Platinum)
Availability	ECC memory Hot-plug hard drives Hot-plug redundant cooling Hot-plug redundant power iDRAC8 Internal Dual SD Module Single Device Data Correction (SDDC) Spare Rank Tool-less chassis Support for high availability clustering and virtualization Proactive systems management alerts iDRAC8 with Lifecycle Controller
Chassis	Dimensions: H: 8.73 cm (3.44 in.) x W: 44.40 cm (17.49 in.) x D: 68.40 cm (26.92 in.)
Management	Dell OpenManage portfolio of systems management solutions, including: OpenManage Essentials console iDRAC8 with Lifecycle Controller iDRAC Direct iDRAC Quick Sync OpenManage Mobile

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