POWEREDGE R330

Powerful and versatile 1-socket rack server for small and medium businesses (SMB) and remote office/branch office (ROBO).

The Dell EMC PowerEdge R330 is an excellent first server or replacement server for SMB and also highly attractive as an affordable ROBO server for large institutions. Compared to the previous-generation PowerEdge R320, the R330 supports DDR4 memory vs. DDR3, PERC9 vs. PERC8, the integrated Dell Remote Access Controller 8 (iDRAC8) vs. iDRAC7, and an Intel® Xeon® E3 processor vs. an Intel Xeon E5 in the previous-generation server.

Discover greater versatility

Harness data growth with up to four internal 3.5-inch cabled or hot-plug hard drives, or up to eight 2.5-inch hot-plug hard drives. Grow memory capacity through time with four DIMM slots supporting up to 64GB of DDR4 memory to drive application performance and rapid response times. Adapt flexibly to changing workload conditions with a virtualization-ready server supporting Microsoft® Windows Server® with Hyper-V®, VMware® vSphere® ESXi® and Red Hat® Enterprise Virtualization.

Deliver powerful performance

Accelerate system boot time with up to two optional 1.8-inch SSDs. Drive 50% faster clock speed with enhanced DDR4 memory compared to DDR3, which is 12.5% faster than the initial 2133 MT/s implementation of DDR4. Boost I/O data throughput with two PCIe 3.0 slots for 2x data throughput compared to PCIe 2.0. Deliver 2x IOPS performance with R330/PERC9 compared to the previous-generation R320/PERC8.

Maximize operational efficiency

Deploy smoothly and rapidly with Dell OpenManage systems management solutions. Easily monitor system health and behavior with simple, intuitive OpenManage Essentials console. Gain additional levels of convenience and high availability protection with hot-plug hard drives and power supplies.

Innovative management with intelligent automation

The Dell OpenManage systems management portfolio includes innovative solutions that simplify and automate management tasks, making IT operations more efficient and more cost-effective throughout the server lifecycle. Leveraging the incomparable agent-free capabilities of the embedded iDRAC with Lifecycle Controller, server deployment, configuration and updates are rapid and worry-free. Remote monitoring and control of the R330 is provided by OpenManage Essentials and can also enable anytime, anywhere mobile access through OpenManage Mobile.

PowerEdge R330

- 1-socket rack server with a powerful Intel Xeon E3-1200 v6 processor

- Up to 4 x DDR4 DIMMs

- Up to 4 x 3.5" hard drives or up to 8 x 2.5" hard drives

Feature	Technical specification	
Form factor	1U rack server	
Dimensions and weight	H: 42.8 mm (1.68 in) W: 482.4 mm (18.99 in) with rack latches; 434.0 mm (17.08 in) without rack latches D (includes bezel): 677.3 mm (26.66 in) with redundant power supply unit	Weight 4-drive bay chassis: 6.0 kg (13.22 lb) empty, 13.8 kg (30.42lb) maximum configuration 8-drive bay chassis: 6.4 kg (14.1lb) empty, 13.4 kg (29.54lb) maximum configuration
Processor	1 processor from the following product families: • Intel® Xeon® processor E3-1200 v6 product family • Intel Pentium® • Intel Core™ i3 • Intel Celeron®	
Chipset	Intel C236	
Operating system	Microsoft® Windows Server® 2016, Microsoft® Windows Server® 2012 Microsoft Windows Server 2012 R2, x64 Red Hat® Enterprise Linux® VMware® vSphere® ESXi® SUSE® Linux Enterprise Server	
Memory	Architecture: Up to 2400MT/s DDR4 DIMMs Memory type: UDIMMs Memory module sockets: 4 Maximum RAM: Up to 64GB	
Hypervisor support	Microsoft Windows Server with Hyper-V® VMware® vSphere® ESXi® Red Hat Enterprise Virtualization	
Storage	• 1.8" SSDs • 2.5" SATA SSDs • 2.5" SATA 7.2k • 2.5" SAS 15k HDDs	• 2.5" nearline SAS 7.2k • 2.5" SAS 10K HDDs • 3.5" Enterprise SATA 7.2k HDDs • 3.5" nearline SAS 7.2k HDDs
Drive bays	• Up to 4 x 3.5" cabled HDD plus optional 2 x 1.8" SSD cabled • Up to 4 x 3.5" hot-swap HDD • Up to 8 x 2.5" hot-swap HDD • UP to 4 x 2.5" hot-swap HDD (available via hybrid drive carrier)	
Slots	2 x PCIe 3.0 slots + 1 slot for internal storage	
RAID controllers	Internal controllers: PERC S130, PERC H330, PERC H730, PERC H830	
Network controller	2 x 1GbE	
Communications	2 x 1GbE LOM Click here for R330 supported network interface cards (NICs) and host bus adapters (HBAs) and scroll to "Additional Network Cards" section.	
Power	Up to 2 x 350W hot-plug redundant power supplies	
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)	Dell OpenManage Connections: • HP Operations Manager, IBM Tivoli® Netcool® and CA Network and Systems Management, Dell OpenManage Plug-in for Oracle® Database Manager Dell OpenManage Integrations: • Dell OpenManage Integration Suite for Microsoft System Center, Dell OpenManage Integration for VMware vCenter®
Device access	5 total USBs: 2 front; 2 rear; 1 internal	
Rack support	ReadyRails™ II sliding rails for tool-less mounting in 4-post racks with square or unthreaded round holes or tooled mounting in 4-post threaded hole racks, with support for optional tool-less cable management arm.	

Call +1 (866) 442-6790 for pricing & more information

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