



PowerEdge R330

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

The Dell 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 33% faster memory performance with DDR4 memory compared to DDR3. 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 Dell 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 PowerEdge embedded iDRAC with Lifecycle Controller technology, server deployment, configuration and updates are rapid, confident and worry-free. Monitoring and control of the R330 is provided by OpenManage Essentials and can also enable anytime, anywhere mobile access through OpenManage Mobile.

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- 1-socket rack server with a powerful Intel Xeon E3-1200 v5 processor
- Up to 4 x DDR4 DIMMs
- Up to 4 x 3.5" hard drives or up to 8 x 2.5" hard drives

Features	Technical Specification	
Form factor	1U rack server	
Processor	1 processor from the following product families: <ul style="list-style-type: none"> • Intel® Xeon® processor E3-1200 v5 product family • Intel Pentium® • Intel Core™ i3 	
Chipset	Intel C236	
Operating system	Microsoft® Windows Server® 2012 Microsoft Windows Server 2012 R2, x64 Red Hat® Enterprise Linux® VMware® vSphere® ESXi®	SUSE® Linux Enterprise Server 11 SP4 SUSE Linux Enterprise Server 12 SP1
Memory	Architecture: Up to 2133MT/s DDR4 DIMMs Memory type: UDIMMs Memory module sockets: 4 Maximum RAM: Up to 64GB	
Hypervisor support	Microsoft Windows Server with Hyper-V® Citrix® XenServer® VMware® vSphere® ESXi® Red Hat Enterprise Virtualization	
Storage	<ul style="list-style-type: none"> • 1.8" SSD • 2.5" SSD SATA • 2.5" SATA 7.2K • 2.5" SAS 15K HDs 	<ul style="list-style-type: none"> • 2.5" nearline SAS 72K • 2.5" SAS 10K HDs • 3.5" Enterprise SATA 7.2K HDDs • 3.5" nearline SAS 7.2K HDDs
Drive bays	<ul style="list-style-type: none"> • 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 (internal slot), PERC H830	
Network controller	2 x 1GbE	
Communications	For the most current communications offerings, please refer to Dell.com Add-in network interface cards (NICs) and host bus adapters (HBAs) NICs: <ul style="list-style-type: none"> • Broadcom® dual and quad-port 1Gb Base-T adapters • Intel dual and quad-port 1Gb Base-T adapters • Qlogic® Quark dual-port 10Gb SFP+ and Base-T adapter Fibre Channel HBAs <ul style="list-style-type: none"> • Qlogic 8Gb • Emulex® 8Gb 	
Power	Up to 2 x 350W hot-plug redundant power supplies	
Management	Systems management: IPMI 2.0 compliant <ul style="list-style-type: none"> • Dell OpenManage Essentials • Dell OpenManage Mobile • Dell OpenManage Power Center Dell OpenManage Integrations: <ul style="list-style-type: none"> • Dell OpenManage Integration Suite for Microsoft System Center • Dell OpenManage Integration for VMware vCenter® 	Dell OpenManage Connections: <ul style="list-style-type: none"> • 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 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.	

End-to-end technology solutions

Reduce IT complexity, lower costs and eliminate inefficiencies by making IT and business solutions work harder for you. You can count on Dell for end-to-end solutions to maximize your performance and uptime. A proven leader in Servers, Storage and Networking, Dell Enterprise Solutions and Services deliver innovation at any scale. And if you're looking to preserve cash or increase operational efficiency, Dell Financial Services™ has a wide range of options to make technology acquisition easy and affordable. Contact your Dell Sales Representative for more information.**

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