POWEREDGE T430

The powerful and reliable PowerEdge T430 two-socket tower server delivers performance, expandability and quiet operation to office environments.

The PowerEdge T430 is an excellent fit for a wide range of office workloads, including workgroup collaboration and productivity applications, mail and messaging, file and print serving, and web serving. The T430 is an ideal choice for small office and remote office/branch office (ROBO) sites in need of single-server performance and capacity.

Deliver peak performance

Accelerate performance across a wide range of workloads with the latest Intel® Xeon® processor E5-2600 v4 product family. Drive fast response times and expand memory capacity over time with 12 DIMM slots and DDR4 memory. Boost I/O performance with 6 x PCIe 3.0 slots delivering 2x data throughput compared to PCIe 2.0.

Discover greater versatility

Install performance where it's needed with a rackable tower form factor, short 22-inch depth and quiet office acoustics. Grow data storage over time with a choice of internal hard drive form factors and capacities, guarded by RAID options for data protection and optimized performance. Adapt flexibly to changing workload conditions with an expandable virtualization-ready platform.

Maximize operational efficiency

Save time and reduce potential for error with simplified, intuitive systems management, and help reduce costs with energy-efficient features. Protect IT investments by using the management tools you know — Dell OpenManage Essentials, BMC® Software, Microsoft® System Center, VMware® vCenter®. Harness your budget with energy-efficient processors, memory and power supplies and Fresh Air 2.0 capability.

Innovative management with intelligent automation

The Dell OpenManage systems management portfolio includes innovative solutions that simplify and automate essential server lifecycle management tasks — making IT operations more efficient and Dell servers the most productive, reliable and cost effective. Leveraging the incomparable agent-free capabilities of the embedded, integrated Dell Remote Access Controller (iDRAC) with Lifecycle Controller technology, server deployment, configuration and updates are streamlined across the OpenManage portfolio and through integration with third-party management solutions.

Monitoring and control of Dell and third-party data center hardware is provided by OpenManage Essentials and with anytime, anywhere mobile access through OpenManage Mobile. OpenManage Essentials now also delivers Server Configuration Management capabilities that automate one:many PowerEdge bare-metal server and OS deployments, quick and consistent replication of configurations and ensure compliance to a predefined baseline with automated drift detection.

PowerEdge T430

- Short 22" depth and quiet office acoustics
- Intel Xeon processor E5-2600 v4 product family
- 12 x DIMMs DDR4 memory
- 4 x PCIe 3.0, 2 x PCIe 2.0 slots

Feature	Technical specification	
Form factor	Tower (5U rackable)	
Dimensions and weight	**Tower** H: 430.3 mm (17.04 in); with foot 443.3 mm (17.45 in); with wheel 471.3 mm (18.55 in) W: 218 mm (8.58 in); with foot 304.5 mm (11.98 in) D (without bezel): front to rear wall 542.2 mm (21.33 in); front to PSU handle 578.42 mm (22.77 in) D (with bezel): front to rear wall 558.6 mm (21.99 in); front to PSU handle 594.82 mm (23.41 in)	**Rack** H: 218mm (8.58 in) W: 430.3mm (16.94 in) without ear; 482.40mm (18.99 in) with ear D (minimum): 538.4 mm (21.2 in) from rack ear back side to chassis rear wall D (maximum): 584.05mm (22.99 in)
Processors	Intel® Xeon® processor E5-2600 v4 product family **Chipset:** Intel C610 series chipset **Processor sockets:** 2 **Internal interconnect:** Two QPI links at 9.6 GT/s **Cache:** 2.5MB per core; core options: 4, 6, 8, 10, 12, 14	
Memory	12 DIMM slots: 4GB/8GB/16GB/32GB DDR4 up to 2400MT/s	
I/O slots	Support for up to 6 full height slots: 4 x PCIe 3.0, 2 x PCIe 2.0	
RAID controller	Support for a maximum of 1 internal controller and 1 external controller PERC H730, PERC H730P and PERC H830	
Network controller	2 x 1GbE LOMs	
Hard drives	SAS, SATA, nearline SAS, SSD	
Communications	Broadcom® 5720 Click here for T430 supported network interface cards (NICs) and host bus adapters (HBAs) and scroll to "Additional Network Cards" section.	
Power supply	495W, 750W, 1100W PSU; 450W cabled non-redundant PSU	
Availability	Hot-plug drives bays; high-efficiency, hot-plug, redundant power supply units; fan redundancy; extended thermal support; Dell fault-resilient memory; Internal dual SD modules	
Systems 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 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 Plug-in for Oracle® Database Manager
Rack support	All configurations support rackable, except the 3.5" x 4 cabled chassis configuration	
Optional supported hypervisors	Citrix® XenServer® VMware vSphere® ESXi™ Red Hat® Enterprise Virtualization	
Operating systems	Microsoft® Windows Server® 2008 R2 Microsoft Windows Server 2012 Microsoft Windows Server 2012 R2 Novell® SUSE® Linux Enterprise Server Red Hat Enterprise Linux For more information on specific versions and additions, visit Dell.com/OSsupport.	
OEM-ready version	From bezel to BIOS to packaging, your servers can look and feel as if they were designed and built by you. For more information, visit Dell.com/OEM.	

Recommended services

ProSupport Plus with SupportAssist provides proactive and predictive support for critical systems. ProSupport provides comprehensive hardware and software support. Get more from your technology starting on day one with ProDeploy Enterprise Suite deployment offers. For more information, visit Dell.com/itlifecycleservices.

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 EMC for end-to-end solutions to maximize your performance and uptime. A proven leader in Servers, Storage and Networking, Dell EMC 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.*

Learn more at Dell.com/PowerEdge

DELLEMC