



# 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 v3 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 compliance.

## 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 PowerEdge 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 E5-2600 v3 processors
- 12 x DIMMs DDR4 memory
- 6 x PCIe 3.0 slots

Feature	PowerEdge T430 technical specification
<b>Form factor</b>	Tower (5U rackable)
<b>Processors</b>	Intel® Xeon® processor E5-2600 v3 product family <b>Chipset:</b> Intel C610 series chipset <b>Processor sockets:</b> 2 <b>Internal interconnect:</b> Two QPI links at 9.6 GT/s <b>Cache:</b> 2.5MB per core; core options: 6, 8, 10
<b>Memory</b>	12 DIMM slots: 4GB/8GB/16GB/32GB DDR4 up to 2133MT/s
<b>I/O slots</b>	Support for up to total of 6 full-height PCIe 3.0 slots
<b>RAID controller</b>	Support for a maximum of 1 internal controller and 1 external controller PERC H730, PERC H730P and PERC H830
<b>Network controller</b>	2 x 1GbE LOMs
<b>Hard drives</b>	SAS, SATA, nearline SAS, SSD
<b>I/O adapter options</b>	Broadcom® 5720-based rack network daughter card Optional add-in NICs
<b>Power supply</b>	495W, 750W, 1100W PSU; 450W cabled non-redundant PSU
<b>Systems management</b>	<b>Systems management:</b> IPMI 2.0 compliant; Dell OpenManage Essentials; Dell OpenManage Mobile; Dell OpenManage Power Center  <b>Remote management:</b> iDRAC8 with Lifecycle Controller, iDRAC8 Express (default), iDRAC8 Enterprise (upgrade), 8GB vFlash media (upgrade), 16GB vFlash media  Dell OpenManage Integrations: <ul style="list-style-type: none"> <li>• Dell OpenManage Integration Suite for Microsoft System Center</li> <li>• Dell OpenManage Integration for VMware® vCenter®</li> </ul> Dell OpenManage Connections: <ul style="list-style-type: none"> <li>• HP Operations Manager, IBM Tivoli® Netcool® and CA Network and Systems Management</li> <li>• Dell OpenManage Plug-in for Oracle® Database Manager</li> </ul>
<b>Rack support</b>	All configurations support rackable, except the 3.5" x 4 cabled chassis configuration
<b>Optional supported hypervisors</b>	Citrix® XenServer® VMware vSphere® ESXi™ Red Hat® Enterprise Virtualization®
<b>Operating systems</b>	Microsoft® Windows Server® 2008/2012 SP2, x86/x64 (x64 includes Hyper-V® ) Microsoft Windows Server 2008/2012 R2, x64 (includes Hyper-V) Novell® SUSE® Linux Enterprise Server Red Hat Enterprise Linux For more information on the specific versions and additions, visit <a href="http://Dell.com/OSsupport">Dell.com/OSsupport</a> .
<b>OEM-ready version</b>	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 <a href="http://Dell.com/OEM">Dell.com/OEM</a> .
<b>Recommended support</b>	Dell ProSupport Plus for critical systems or Dell ProSupport for premium hardware and software support for your PowerEdge solution. Consulting and deployment offerings are also available. Contact your Dell representative today for more information. Availability and terms of Dell Services vary by region. For more information, visit <a href="http://Dell.com/ServiceDescriptions">Dell.com/ServiceDescriptions</a> .

## 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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November 2014 | Version 1.1  
Dell\_PowerEdge\_T430\_SpecSheet

