



# POWEREDGE T440

## Balance performance and storage demands

The PowerEdge T440 tower server delivers powerful 2-socket performance, expandability and quiet operation to your small-to mid-sized business (SMB) and remote office/branch office (ROBO) sites. Outstanding efficiency helps you keep operating expenses in check as your requirements evolve.

### Adapt and scale with an expandable, virtualization-ready platform

The PowerEdge T440 brings you flexibility with a rack-capable tower platform, short 22-inch depth and quiet acoustics that are right for your office or data center. The T440 is an excellent fit for a wide range of office workloads, including work group collaboration and productivity applications, mail and messaging, file and print serving, and web serving. Easily adapt to your dynamic business requirements with performance, capacity and I/O options.

- Boost performance with next-generation Intel® Xeon® Scalable processors.
- Drive application response times faster with 33% more capacity for data-in-memory.<sup>1</sup>

### Intuitive systems management with intelligent automation

PowerEdge servers with embedded iDRAC with Lifecycle Controller offer agent-free management right out of the box, delivering smart automation of routine tasks. The T440 is easily managed which frees up time for work priorities.

- Simplify and automate management of your Dell EMC infrastructure with OpenManage Essentials.
- Increase IT data protection and integrity with the embedded security features of iDRAC9.

### Rely on PowerEdge with integrated security

Every PowerEdge server is made with a cyber-resilient architecture, building security into all parts of a server's life cycle. The T440 uses these new security features so you can reliably and securely deliver the right data to where your customers are, no matter where they are. Dell EMC considers each part of system security, from design to end of life, to ensure trust and deliver worry-free, secure systems.

- Rely on a secure supply chain that protects servers from the factory to the data center.
- Maintain data safety with cryptographically signed firmware packages and Secure Boot.
- Prevent unauthorized or malicious change with Server Lockdown.
- Wipe all data from storage media including hard drives, SSDs and system memory quickly and securely with System Erase.

### PowerEdge T440

- Grow data over time with up to 8 x 3.5" or 16 x 2.5" HDD or SSD drive options
- Seamlessly scale as your workload requirements change with 5 x PCIe Gen3 I/O slots
- Boost performance and protect data with software and hardware RAID options

<sup>1</sup> Dell internal analysis in July 2017 comparing the previous generation T430 specifications vs T440 specifications.

# PowerEdge T440

| Features                         | Technical Specification  |   |
|----------------------------------|--|---|
| Processor                        | Up to two 2 <sup>nd</sup> Generation Intel® Xeon® Scalable processors, up to 28 cores per processor  |   |
| Memory                           | 16 DDR4 DIMM slots, Supports RDIMMs/LRDIMMs, speeds up to 2666MT/s, 1TB* max<br>Supports registered ECC DDR4 DIMMs only  |   |
| Storage controllers              | Internal controllers: PERC H330, H730P, H740P, HBA330, Software RAID (SWRAID) S140<br>Boot Optimized Storage Subsystem: HWRAID 2 x M.2 SSDs 120GB, 240 GB<br>External PERC (RAID): H840<br>External HBAs (non-RAID): 12 Gbps SAS HBA   |   |
| Drive bays                       | Up to 4 or 8 x 3.5" SAS/SATA (HDD/SSD) max 96TB or up to 16 x 2.5" SAS/SATA (HDD/SSD) max 61TB   |   |
| Power supplies                   | 495W, 750W, 1100W hot-plug; Gold efficiency<br>450W Cabled AC PSU  | Up to 2 fans  |
| Sizing                           | Form factor: Tower or rack, 5U   | Chassis max depth: 594.82 mm  |
| Bezel                            | Optional security bezel  |   |
| Embedded / At-Server             | iDRAC9 with Lifecycle Controller<br>iDRAC Direct   | iDRAC REST API with Redfish   |
| Consoles & Mobile                | OpenManage Enterprise<br>OpenManage Essentials   | OpenManage Power Center<br>OpenManage Mobile  |
| Integrations                     | OpenManage integrations: Microsoft® System Center, VMware® vCenter™, BMC Software  |   |
| Connections                      | OpenManage connections: Nagios & Nagios XI, HP Operations Manager i (OMi)  |   |
| Tools                            | Dell EMC Repository Manager<br>Dell EMC Update Package<br>Dell EMC System Update<br>Dell EMC Server Update Utility   | iDRAC Service Module<br>OpenManage Server Administrator<br>OpenManage Storage Services                          |
| Security                         | TPM 1.2/2.0 optional<br>Cryptographically signed firmware<br>Silicon Root of Trust   | Secure Boot<br>System Lockdown<br>System Erase  |
| I/O & Ports                      | 2 x 1GbE LOM<br>1 dedicated iDRAC port<br>9 x USB (5 x USB 2.0, 4 x USB 3.0), including one internal USB port<br>1 VGA video port and 1 serial port<br>Up to 5 PCIe Gen3 slots   |   |
| GPU                              | 1X NVIDIA NVS 310<br>1X NVIDIA Quadro P4000  | See <a href="http://Dell.com/GPU">Dell.com/GPU</a> for latest information.                                      |
| Supported operating systems      | Canonical® Ubuntu® LTS<br>Citrix® Hypervisor<br>Microsoft Windows Server® LTSC with Hyper-V<br>Red Hat® Enterprise Linux<br>SUSE® Linux Enterprise Server<br>VMware® ESXi®   | For specifications and interoperability details, see <a href="http://Dell.com/OSsupport">Dell.com/OSsupport</a> |
| OEM-ready version available      | 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> .  |   |
| Recommended support and services | Choose 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/itlifecycleservices">dell.com/itlifecycleservices</a> . |   |
| Dell Financial Services          | Deliver results with easy financing. Explore financial options that move at the speed of business. For more information, visit <a href="https://www.emc.com/products/how-to-buy/global-financial-services/index.htm">https://www.emc.com/products/how-to-buy/global-financial-services/index.htm</a>   |   |

\*768GB max memory is recommended for performance optimized configurations.

Learn more at [Dell.com/PowerEdge](http://Dell.com/PowerEdge)

## 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.\*

\*Payment solutions provided and serviced by Dell Financial Services L.L.C. or its affiliate or designee ("DFS") for qualified customers. Offers may not be available or may vary in certain countries. Where available, offers may be changed without notice and are subject to product availability, credit approval, execution of documentation provided by and acceptable to DFS, and may be subject to minimum transaction size. Offers not available for personal, family or household use. Dell EMC and the Dell EMC logo are trademarks of Dell Inc. Restrictions and additional requirements may apply to transactions with governmental or public entities.