DELL EMC

T440 SPEC SHEET

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.[1]

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

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

PowerEdge T440

Features	Technical Specification	
Processor	Up to two Intel® Xeon® Scalable processors, up to 14 cores per processor	
Memory	16 DDR4 DIMM slots, Supports RDIMMs/LRDIMMs, speeds up to 2666MT/s, 1TB* max Supports registered ECC DDR4 DIMMs only	
Storage controllers	Internal controllers: PERC H330, H730P, H740P, HBA330, Software RAID (SWRAID) S140 Boot Optimized Storage Subsystem: HWRAID 2 x M.2 SSDs 120GB, 240 GB External PERC (RAID): H840 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 PSU; Gold efficiency 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 iDRAC Direct	iDRAC REST API with Redfish
Consoles & Mobile	OpenManage Enterprise OpenManage Essentials	OpenManage Power Center 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 Dell EMC Update Package Dell EMC System Update Dell EMC Server Update Utility	iDRAC Service Module OpenManage Server Administrator OpenManage Storage Services
Security	TPM 1.2/2.0 optional Cryptographically signed firmware Silicon Root of Trust	Secure Boot System Lockdown System Erase
I/O & Ports	2 x 1GbE LOM 1 dedicated iDRAC port 9 x USB (5 x USB 2.0, 4 x USB 3.0), including one internal USB port 1 VGA video port and 1 serial port Up to 5 PCIe Gen3 slots	
GPU	1X NVIDIA NVS 310 1X NVIDIA Quadro P4000	See Dell.com/GPU for latest information.
Supported operating systems	Canonical® Ubuntu® LTS Citrix® XenServer® Microsoft Windows Server® with Hyper-V Red Hat® Enterprise Linux SUSE® Linux Enterprise Server VMware® ESXi	For specifications and interoperability details see Dell.com/OSsupport.
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 Dell.com/OEM.	
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 dell.com/itlifecycleservices.	
Dell Financial Services	Deliver results with easy financing. Explore financial options that move at the speed of business. For more information, visit https://www.emc.com/products/how-to-buy/global-financial-services/index.htm.*	

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

Learn more at Dell.com/PowerEdge

End-to-end technology solutions

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