



Dell PowerEdge T440 Server Datasheet



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OVERVIEW

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.

Figure 1. Dell PowerEdge T440 Server



FEATURES

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.

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 Enterprise.
- 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.

SPECIFICATION

Specification	Dell PowerEdge T440 Server
Processor	Up to two 2nd Generation Intel® Xeon® Scalable processors, up to 16 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	<p>Internal controllers: PERC H330, H730P, H740P, HBA330, Software RAID (SWRAID) S140</p> <p>Boot Optimized Storage Subsystem: HWRAID 2 x M.2 SSDs 120GB, 240 GB</p> <p>External PERC (RAID): H840</p> <p>External HBAs (non-RAID): 12 Gbps SAS HBA</p>
Drive bays	<p>Up to 8 x 3.5" SAS/SATA (HDD/SSD) max 128TB or</p> <p>Up to 16 x 2.5" SAS/SATA (HDD/SSD) max 61TB</p>
Power supplies	<p>495W, 750W, 1100W hot-plug; Gold efficiency</p> <p>450W Cabled AC PSU</p> <p>Up to 2 fans</p>
Size	<p>Form factor: Tower or rack, 5U</p> <p>Chassis max depth: 594.82 mm</p>
Bezel	Optional security bezel
Embedded / At-Server	<p>iDRAC9 with Lifecycle Controller</p> <p>iDRAC Direct</p> <p>iDRAC REST API with Redfish</p>
Consoles & Mobile	<p>OpenManage Enterprise OpenManage Power Manager</p> <p>OpenManage Mobile</p>
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
Supported operating systems	<p>Canonical® Ubuntu® LTS</p> <p>Citrix® Hypervisor</p> <p>Microsoft Windows Server® LTSC with Hyper-V</p> <p>Red Hat® Enterprise Linux</p> <p>SUSE® Linux Enterprise Server</p> <p>VMware® ESXi®</p>
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.
Recommended support	<p>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.</p>

ORDERING INFORMATION

Configured Models

[Dell 5U T440 4208/8G*1/600G SAS 10K*1/H330/DVD/450W*1/3.5-4](#)

[Dell 5U T440 4208/8G*1/600G SAS 10K*1/H330/DVD/750W*1/3.5-8](#)

[Dell 5U T440 4210/8G*1/600G SAS 10K*1/H330/DVD/450W*1/3.5-4](#)

[Dell 5U T440 4210/8G*1/600G SAS 10K*1/H330/DVD/750W*1/3.5-8](#)

[Dell 5U T440 4214/8G*1/600G SAS 10K*1/H330/DVD/450W*1/3.5-4](#)

[Dell 5U T440 4214/8G*1/600G SAS 10K*1/H330/DVD/750W*1/3.5-8](#)

[Dell 5U T440 4216/8G*1/600G SAS 10K*1/H330/DVD/450W*1/3.5-4](#)

[Dell 5U T440 4216/8G*1/600G SAS 10K*1/H330/DVD/750W*1/3.5-8](#)

[Dell 5U T440 5218/8G*1/600G SAS 10K*1/H330/DVD/450W*1/3.5-4](#)

[Dell 5U T440 5218/8G*1/600G SAS 10K*1/H330/DVD/750W*1/3.5-8](#)

[Dell 5U T440 3204/8G*1/600G SAS 10K*1/H330/DVD/450W*1/3.5-4](#)

[Dell 5U T440 3204/8G*1/600G SAS 10K*1/H330/DVD/750W*1/3.5-8](#)

[Dell PowerEdge T440 3104/8G/600G SAS 10K/H330/DVD/450W/3.5-4 Server](#)

[Dell PowerEdge T440 3104/8G/600G SAS 10K/H330/DVD/495W/3.5-8 Server](#)

[Dell PowerEdge T440 3106/8G/600G SAS 10K/H330/DVD/450W/3.5-4 Server](#)

[Dell PowerEdge T440 3106/8G/600G SAS 10K/H330/DVD/495W/3.5-8 Server](#)

[Dell PowerEdge T440 4110/8G/600G SAS 10K/H330/DVD/450W/3.5-4 Server](#)

[Dell PowerEdge T440 4110/8G/600G SAS 10K/H330/DVD/495W/3.5-8 Server](#)

[Dell PowerEdge T440 4114/8G/600G SAS 10K/H330/DVD/450W/3.5-4 Server](#)

[Dell PowerEdge T440 4114/8G/600G SAS 10K/H330/DVD/495W/3.5-8 Server](#)

[Dell PowerEdge T440 5115/8G/600G SAS 10K/H330/DVD/450W/3.5-4 Server](#)

[Dell PowerEdge T440 5115/8G/600G SAS 10K/H330/DVD/495W/3.5-8 Server](#)

[Dell PowerEdge T440 5118/8G/600G SAS 10K/H330/DVD/450W/3.5-4 Server](#)

[Dell PowerEdge T440 5118/8G/600G SAS 10K/H330/DVD/495W/3.5-8 Server](#)

WHERE TO BUY

Want to buy this series of products? please contact:

- Tel: +1-626-239-8066 (USA) +852-3050-1066 / +852-3174-6166
- Fax: +852-3050-1066 (Hong Kong)
- Email: sales@router-switch.com (Sales Inquiries)

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SOURCES

https://i.dell.com/sites/csdocuments/Shared-Content_data-Sheets_Documents/en/PowerEdge-T440-Spec-Sheet.pdf