

Deliver the value of data

The Dell EMC PowerEdge T150 affordably addresses common business workloads while delivering compute with an entry-level tower server.



Your Innovation Engine for businesses of all sizes

The Dell EMC PowerEdge T150, powered by Intel® Xeon® E-2300 processors, delivers powerful compute for common business applications and streamlines productivity. It supports 3200 MT/s DDR4 UDIMMs, up to 128 GB for memory-intensive workloads. In addition, to address substantial throughput improvements, the PowerEdge T150 supports PCIe Gen 4 and offers enhanced thermal efficiency to support increasing power and thermal requirements. With quiet, office-friendly acoustics, the PowerEdge T150 is an ideal tower server for business critical workloads and point of sale transactions for small to mid-sized businesses inside and outside of the data center.

Increase efficiency and accelerate operations with autonomous collaboration

The Dell EMC OpenManage systems management portfolio tames the complexity of managing and securing IT infrastructure. Using Dell Technologies' intuitive end-to-end tools, IT can deliver a secure, integrated experience by reducing process and information silos to focus on growing the business. The Dell EMC OpenManage portfolio is the key to your innovation engine, unlocking the tools and automation that help you scale, manage, and protect your technology environment.

- Built-in telemetry streaming, thermal management, and RESTful API with Redfish offer streamlined visibility and control for better server management
- Intelligent automation lets you enable cooperation between human actions and system capabilities for added productivity
- Integrated change management capabilities for update planning and seamless, zero-touch configuration and implementation
- Full-stack management integration with Microsoft, VMware, ServiceNow, Ansible, and many other tools

Protect your data assets and infrastructure with proactive resilience

The Dell EMC PowerEdge T150 server is designed with a cyber-resilient architecture, integrating security deeply into every phase in the lifecycle, from design to retirement.

- Operate your workloads on a secure platform anchored by cryptographically trusted booting and silicon root of trust
- Maintain server firmware safety with digitally signed firmware packages
- Prevent unauthorized configuration or firmware change with system lockdown
- Securely and quickly wipe all data from storage media, including hard drives, SSDs, and system memory with System Erase
- UEFI Secure Boot prevents systems from booting from unsigned or unauthorized pre-boot device firmware, applications, and OS boot loaders, protecting systems from malware corrupting the startup process

PowerEdge T150

The Dell EMC PowerEdge T150 offers streamlined productivity, high-speed memory and capacity, powerful compute to address common business applications. Ideal for:

- Small to mid-sized businesses
- Enhanced thermal efficiency and quiet, office-friendly acoustics for remote office/branch office
- Collaboration and sharing
- Mail, messaging and file, print

Feature	Technical Specifications	
Processor	One Intel Xeon E-2300 series processor with up to 8 cores or one Intel Pentium processor with up to 2 cores	
Memory	<ul style="list-style-type: none"> Four DDR4 DIMM slots, supports UDIMM 128 GB max, speeds up to 3200 MT/s Supports registered ECC DDR4 DIMMs only NOTE: For Pentium processor, maximum memory speed supported is 2666 MT/s	
Storage controllers	<ul style="list-style-type: none"> Internal controllers (RAID): PERC H755, PERC H345, HBA355i, S150 Internal Boot: USB, Boot Optimized Storage Subsystem (BOSS-S1): HWR RAID 2 x M.2 SSDs External HBAs (non-RAID): HBA355e 	
Drive bays	4 x 3.5-inch cabled SAS/SATA (HDD/SSDs) max 30.72 TB	
Power supplies	<ul style="list-style-type: none"> 300W Bronze 100-240 VAC, cabled 400W Platinum 100-240 VAC, cabled (available only from Dec'21) 	
Fans	One cabled fan	
Dimensions	<ul style="list-style-type: none"> Height: 360 mm (14.17 inches) Width: 175 mm (6.88 inches) Depth: 453.75 mm (17.86 inches) with bezel 	
Form Factor	4U tower server	
Embedded management	<ul style="list-style-type: none"> iDRAC9 iDRAC Direct iDRAC RESTful API with Redfish iDRAC Service Module 	
Bezel	Security bezel	
OpenManage Software	<ul style="list-style-type: none"> OpenManage Enterprise OpenManage Power Manager plugin OpenManage SupportAssist plugin OpenManage Update Manager plugin 	
Mobility	OpenManage Mobile	
Integrations and Connections	OpenManage Integrations <ul style="list-style-type: none"> BMC Truesight Microsoft System Center Red Hat Ansible Modules VMware vCenter and vRealize Operations Manager 	OpenManage Connections <ul style="list-style-type: none"> IBM Tivoli Netcool/OMNibus IBM Tivoli Network Manager IP Edition Micro Focus Operations Manager Nagios Core Nagios XI
Security	<ul style="list-style-type: none"> Cryptographically signed firmware Secure Boot Secure Erase Silicon Root of Trust System Lockdown (requires iDRAC9 Enterprise or Datacenter) TPM 2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ 	
Embedded NIC	2 x 1 GbE LOM	
Ports	Front Ports <ul style="list-style-type: none"> 1 x iDRAC Direct (Micro-AB USB) port 1 x USB 3.0 Internal Ports <ul style="list-style-type: none"> 1 x USB 3.0 	Rear Ports <ul style="list-style-type: none"> 5 x USB 2.0 1 x iDRAC ethernet port 1 x USB 3.0 1 x Serial port 1 x VGA
PCIe	4 PCIe slots: <ul style="list-style-type: none"> 1x16 Gen4 (x16 connector) full height, half length 1x4 Gen4 (x8 connector) full height, half length 1x4 Gen3 (x8 connector) full height, half length 1x1 Gen3 (x1 connector) full height, half length 	
Operating System and Hypervisors	<ul style="list-style-type: none"> Canonical Ubuntu Server LTS Citrix Hypervisor Microsoft Windows Server with Hyper-V Red Hat Enterprise Linux SUSE Linux Enterprise Server VMware ESXi (support only from Dec'21) 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 or Dell ProSupport for premium hardware and software support. 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 www.delltechnologies.com/Services.

APEX Flex on Demand

Acquire the technology you need to support your changing business with payments that scale to match actual usage. For more information, visit www.delltechnologies.com/en-us/payment-solutions/flexible-consumption/flex-on-demand.htm.

Discover more about PowerEdge servers



[Learn more](#) about our PowerEdge servers



[Learn more](#) about our systems management solutions



[Search](#) our Resource Library



[Follow](#) PowerEdge servers on Twitter



Contact a Dell Technologies Expert for [Sales](#) or [Support](#)