



## PowerEdge T560

A purpose-built office-friendly server, maximizing next-gen technologies with GPU options to achieve enterprise-level performance in remote or branch office locations.

### Innovate at scale with an expandable tower server for mission-critical business workloads

The Dell PowerEdge T560, powered by the 4th Generation Intel® Xeon® Scalable processors, is an enterprise-class tower server that offers advanced technologies with accelerators. It is a purpose-built server with office-friendly acoustics that maximizes next-gen technologies to achieve optimal performance in a small footprint. The Dell PowerEdge T560 is an ideal tower server for traditional corporate IT, virtualization, database and analytics, and inferencing for AI/ML, delivering robust compute performance.

### The latest technologies for balanced performance

This all-in-one powerhouse provides ease of management and expandability for growth and performance.

- Provides additional support for database applications with expanded storage with up to 12 x 3.5-inches drives and 24 x 2.5-inches drives allowing for a mix of HDD, SAS4 SSD, and NVMe support.
- Virtualization and AI inferencing capabilities with up to two Xeon Scalable processors, doubled-bandwidth DDR5 memory, double-speed PCIe Gen5, and up to 6 GPUs.
- Achieves enterprise-level security requirements with cyber-resilience to store, process and analyze data.

### Cyber Resilient Architecture for Zero Trust IT environment & operations

Security is integrated into every phase of the PowerEdge lifecycle, including protected supply chain and factory-to-site integrity assurance. Silicon-based root of trust anchors end-to-end boot resilience while Multi-Factor Authentication (MFA) and role-based access controls ensure trusted operations.

### Increase efficiency and accelerate operations with an autonomous infrastructure

The Dell OpenManage™ systems management portfolio delivers a secure, efficient, and comprehensive solution for PowerEdge servers. Simplify, automate and centralize one-to-many management with the OpenManage Enterprise console and iDRAC.

### Sustainability

From recycled materials in our products and packaging, to thoughtful, innovative options for energy efficiency, the PowerEdge portfolio is designed to make, deliver, and recycle products to help reduce the carbon footprint and lower your operation costs. We even make it easy to retire legacy systems responsibly with Dell Technologies Services

### Rest easier with Dell Technologies Services

Maximize your PowerEdge Servers with comprehensive services ranging from [Consulting](#), to [ProDeploy](#) and [ProSupport](#) suites, [Data Migration](#) and more – available across 170 countries and backed by our 60K+ employees and partners.

#### PowerEdge T560

The Dell PowerEdge T560 is designed to address enterprise-class workloads. Ideal for:

- Traditional corporate IT
- Database and Analytics
- Virtualization
- AI/ML and inferencing

| Feature                 | Technical Specifications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor               | Up to two 4th Generation Intel® Xeon Scalable processor, with up to 32 cores per processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                         | Up to two 5th Generation Intel® Xeon Scalable processor, with up to 28 cores per processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Memory                  | <ul style="list-style-type: none"> <li>16 DDR5 DIMM slots, supports RDIMM 1 TB max</li> <li>Speeds up to 4800 MT/s on the 4th Generation Intel® Xeon Scalable processor</li> <li>Speeds up to 5200 MT/s on the 5th Generation Intel® Xeon Scalable processor</li> <li>Supports registered ECC DDR5 DIMMs only</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Storage controllers     | <ul style="list-style-type: none"> <li>Internal PERC: fPERC H965i, fPERC H755N, fPERC H755, fPERC H355, fPERC HBA355i</li> <li>Internal Boot: Boot Optimized Storage Subsystem (BOSS-N1): HWR RAID 2 x M.2 NVMe SSD drives, or USB</li> <li>External HBA (non-RAID): PERC HBA355e</li> <li>Software RAID: S160 (for NVMe drives only)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Drive Bays              | Front bays: <ul style="list-style-type: none"> <li>Up to 12 x 3.5-inch SAS/SATA HDD drives, max 180 TB</li> <li>Up to 8 x 3.5-inch SAS/SATA HDD drives, max 120 TB</li> <li>Up to 8 x 3.5-inch SAS/ SATA HDD + 8 x 2.5-inch NVMe SSD drives, max 240 TB</li> <li>Up to 8 x 2.5-inch SAS/SATA HDD drives, max 120 TB</li> <li>Up to 16 x 2.5-inch SAS/SATA HDD drives, max 240 TB</li> <li>Up to 24 x 2.5-inch SAS/SATA HDD drives, max 360 TB</li> </ul>                                                                                                                                                                                                                                                                                                                                 |
| Power Supplies          | <ul style="list-style-type: none"> <li>2800 W Titanium 200—240 VAC or 2800 W 240 VDC, hot swap redundant</li> <li>2400 W Platinum 100—240 VAC or 2400 W 240 VDC, hot swap redundant</li> <li>1800 W Titanium 200—240 VAC or 1800 W 240 VDC, hot swap redundant</li> <li>1400 W Titanium 277 VAC or 1400 W 336 VDC, hot swap redundant</li> <li>1400 W Platinum 100—240 VAC or 1400 W 240 VDC, hot swap redundant</li> <li>1100 W Titanium 100—240 VAC or 1100 W 240 VDC, hot swap redundant</li> <li>1100 LVDC -48 — (-60) VDC, hot swap redundant</li> <li>800 W Platinum 100—240 VAC or 800 W 240 VDC, hot swap redundant</li> <li>700 W Titanium 200—240 VAC or 700 W 240 VDC, hot swap redundant</li> <li>600 W Platinum 100—240 VAC or 600 W 240 VDC, hot swap redundant</li> </ul> |
| Cooling Options         | Air cooling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Fans                    | <ul style="list-style-type: none"> <li>Up to eight Standard (STD) fans or High performance (HPR) fans</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Dimensions              | <ul style="list-style-type: none"> <li>Height — 464.0 mm (18.26 inches) (with feet)<br/>508.8 mm (20.03 inches) (with caster wheels)<br/>446.0 mm (17.60 inches) (without feet)</li> <li>Width — 200.0 mm (7.87 inches)</li> <li>Depth — 678.2 mm (26.70 inches) (with bezel)<br/>660.6 mm (26 inches) (without bezel)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Form Factor             | 4.5U tower server                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Embedded Management     | <ul style="list-style-type: none"> <li>iDRAC9</li> <li>iDRAC Direct</li> <li>iDRAC RESTful API with Redfish</li> <li>iDRAC Service Module</li> <li>Quick Sync 2 wireless module</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Bezel                   | Optional security bezel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| OpenManage Software     | <ul style="list-style-type: none"> <li>OpenManage Enterprise</li> <li>OpenManage Power Manager plugin</li> <li>OpenManage Service plugin</li> <li>OpenManage Update Manager plugin</li> <li>CloudIQ for PowerEdge plug in</li> <li>OpenManage Enterprise Integration for VMware vCenter</li> <li>OpenManage Integration for Microsoft System Center</li> <li>OpenManage Integration with Windows Admin Center</li> </ul>                                                                                                                                                                                                                                                                                                                                                                 |
| Mobility                | OpenManage Mobile                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| OpenManage Integrations | <ul style="list-style-type: none"> <li>BMC Truesight</li> <li>Microsoft System Center</li> <li>OpenManage Integration with ServiceNow</li> <li>Red Hat Ansible Modules</li> <li>Terraform Providers</li> <li>VMware vCenter and vRealize Operations Manage</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Security                | <ul style="list-style-type: none"> <li>Cryptographically signed firmware</li> <li>Data at Rest Encryption (SEDs with local or external key mgmt)</li> <li>Secure Boot</li> <li>Secure Erase</li> <li>Secured Component Verification (Hardware integrity check)</li> <li>Silicon Root of Trust</li> <li>System Lockdown (requires iDRAC9 Enterprise or Datacenter)</li> <li>TPM 2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ</li> </ul>                                                                                                                                                                                                                                                                                                                                              |
| Embedded NIC            | 2 x 1GbE LOM on Planar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Network Options         | 1 x OCP x8 card 3.0<br>Note: The system allows both LOM on planar and OCP card to be installed on the system.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| GPU Options             | Up to 2 x 300 W DW or 6 x 75 W SW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

| Feature                          | Technical Specifications                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ports                            | <b>Front Ports</b> <ul style="list-style-type: none"> <li>• 1 x USB 2.0</li> <li>• 1 x USB 3.0</li> <li>• 1 x iDRAC Direct (Micro-AB USB) port</li> </ul>                                                                                                                                                                                                                                               | <b>Rear Ports</b> <ul style="list-style-type: none"> <li>• 1 x USB 2.0</li> <li>• 1 x USB 3.0</li> <li>• 1 x Serial port (optional)</li> <li>• 1 x Dedicated iDRAC (RJ45) port</li> <li>• 1 x VGA port</li> <li>• 2 x Ethernet ports</li> </ul> |
|                                  | <b>Internal Ports</b> <ul style="list-style-type: none"> <li>• 1 x USB 3.0 (optional)</li> </ul>                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                 |
| PCIe                             | Up to six PCIe slots: <ul style="list-style-type: none"> <li>• Slot 1: x16 Gen5 Full height, Full length</li> <li>• Slot 2: x16 Gen5 Full height, Full length</li> <li>• Slot 3: x16 Gen4 Full height, Half length</li> <li>• Slot 4: x16 Gen4 Full height, Half length</li> <li>• Slot 5: x16 (x8 lanes) Gen4 Full height, Half length</li> <li>• Slot 6: x16 Gen4 Full height, Half length</li> </ul> |                                                                                                                                                                                                                                                 |
| Operating System and Hypervisors | <ul style="list-style-type: none"> <li>• Canonical Ubuntu Server LTS</li> <li>• Microsoft Windows Server with Hyper-V</li> <li>• Red Hat Enterprise Linux</li> <li>• SUSE Linux Enterprise Server</li> <li>• VMware ESXi</li> </ul> For specifications and interoperability details, see <a href="https://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="https://dell.com">Dell.com</a> -> Solutions -> OEM Solutions                                                                                                                                                                                            |                                                                                                                                                                                                                                                 |

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