# Dell PowerEdge T410

The Dell™ PowerEdge™ T410 simplifies operations with enhanced performance in a compact, purposeful design.

The Dell PowerEdge T410 features the performance of Intel Xeon processor 5500 and 5600 series, the availability of up to 6 hard drives (3.5" or 2.5"), DDR3 memory and an optimum chassis depth of 24" for efficient deployment and operation. The PowerEdge T410 was developed with a purposeful design including energy-optimized technology and simplified systems management.

## Purposeful design

The PowerEdge T410 takes advantage of Dell's outstanding system commonality and reliability. Consistent component layout and purposeful placement of interface ports and power supplies enable easy installation and redeployment. With a depth of 24", the PowerEdge T410's chassis is easy to access and designed to reside in a back office, retail or small office setting where small chassis and quiet acoustics matter.

Robust, metal hard drive carriers and organized cabling are designed to improve component access and airflow across the server. The PowerEdge T410 purposeful design provides quiet acoustics and an optional LCD screen positioned on the front by the bezel for ease of monitoring.

## Energy-optimized technology

Energy efficiency is designed at the core system level on the PowerEdge T410. Several energy-tuned technologies and standards-based Energy Smart components reduce power consumption while increasing performance capacity.

Energy Smart 90%+ efficient power supply units are right-sized for system requirements on the PowerEdge. Power Management features include power capping, power inventory, and power budgeting to best manage power in your specific environment.

## Simplified systems management

The next-generation of Dell OpenManage™ suite of management tools is designed to provide efficient operations and standards-based commands designed to integrate with existing systems for effective control.

Dell Management Console (DMC) helps simplify operations and create stability by shrinking infrastructure management to one console. This console delivers a single view and a common data source into the entire infrastructure management. Built on Symantec™ Management Platform, it has an easily extensible, modular foundation that can provide basic hardware management or more advanced functions, such as asset and security management. Dell Management Console is designed to reduce or eliminate manual processes, enabling you to save time and money for more strategic technology usage.

Secure and efficient, the Dell Lifecycle Controller delivers "Instant On" integrated manageability through a single access point. The Unified Server Configurator (USC) interface enables persistent access to the tool because it is embedded and integrated into the system for significant flexibility and capabilities. The Lifecycle Controller is a one-stop shop for deploying operating systems with built-in driver installations, BIOS and firmware update and rollback, hardware configuration, and diagnostics.

Inspired by IT professionals like you, the T410 is built to simplify daily operations and maximize uptime.

| Feature | PowerEdge T410 technical specification | |
|---|---|---|
| Form factor | Tower | |
| Processors | Quad-core or six-core Intel® Xeon® processors 5500 and 5600 series | |
| Processor sockets | 2 | |
| Front Side Bus (FSB) or HyperTransport | Intel QuickPath Interconnect (QPI) | |
| Cache | 4MB and 8MB | |
| Chipset | Intel 5500 | |
| Memory[1] | Up to 128GB (8 DIMM slots): 1GB/2GB/4GB/8GB/16GB DDR3 up to 1333MT/s | |
| I/O slots | **5 PCIe G2 slots:** Four x8 slots One x16 slot | |
| RAID controller | **Internal:** PERC H200 (6Gb/s) PERC H700 (6Gb/s) with 512MB battery-backed cache; 512MB, 1GB Non-Volatile battery-backed cache SAS 6/iR PERC 6/i with 256MB battery-backed cache PERC S100 (software based) PERC S300 (software based) | **External:** PERC H800 (6Gb/s) with 512MB of battery-backed cache; 512MB, 1GB Non-Volatile battery-backed cache PERC 6/E with 256MB or 512MB of battery-backed cache **External HBAs (non-RAID):** 6Gbps SAS HBA SAS 5/E HBA LSI2032 PCIe SCSI HBA |
| Drive bays | 6 x 3.5" cabled hard drives or 6 x 3.5" hot-plug hard drives or 6 x 2.5" hot-plug hard drives and 2 x 5.25" drive bays for DVD-ROM, DVD+/-RW, or TBU | |
| Maximum internal storage[1] | Up to 18TB | |
| Hard drives | **Hot-plug hard drive options:** 2.5" SATA SSD, SAS (10K) 3.5" SAS (15K, 10K), nearline SAS (7.2K), SATA (7.2K) **Cabled hard drive options:** 3.5" SAS (15K, 10K), SATA (7.2K) | |
| Communications | Embedded Dual-port Broadcom® NetXtreme® II 5716 Gigabit Ethernet Intel Gigabit ET Dual Port Server Adapter and Intel Gigabit ET Quad Port Server Adapter Intel Single Port 1GbE NIC Intel Dual Port 1GbE NIC Intel Quad Port 1GbE NIC Broadcom Dual Port 1GbE NIC | |
| Power supply | Non-redundant PSU, 525W (80+) Optional redundant PSU, 580W (80+ GOLD) | |
| Availability | Quad-pack LED Diagnostic or LCD diagnostic with hot-plug HDD chassis; TPM; optional hot-plug hard drives; optional hot-plug redundant power supply; optional PERC 6/i RAID controller with battery-backed cache; tool-less chassis | |
| Video | Integrated Matrox® G200 | |
| Remote management | Optional iDRAC6 Enterprise, iDRAC6 Express | |
| Systems management | BMC, IPMI 2.0 compliant Dell™ OpenManage™ Microsoft® System Center Essential (SCE) 2010 v2 | |
| Operating systems | Microsoft Windows Server® 2012 Microsoft Windows Server 2012 Essentials Microsoft Windows® Small Business Server 2011 Microsoft Windows Small Business Server 2008 Microsoft Windows Server 2008 SP2, x86/x64 (x64 includes Hyper-V®) Microsoft Windows Server 2008 R2 SP1, x64 (includes Hyper-V v2) Novell® SUSE® Linux Enterprise Server Red Hat® Enterprise Linux® <br><br>**Virtualization options:** Citrix® XenServer® VMware® vSphere® ESX™ and ESXi™ Red Hat Enterprise Virtualization® <br><br>For more information on the specific versions and additions, visit Dell.com/OSsupport. | |
| Featured database application | Microsoft SQL Server® solutions (see Dell.com/SQL) | |

[1] GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

## Dell Services

Dell Services can help reduce IT complexity, lower costs, and eliminate inefficiencies by making IT and business solutions work harder for you. The Dell Services team takes a holistic view of your needs and designs solutions for your environment and business objectives while leveraging proven delivery methods, local talent, and in-depth domain knowledge for the lowest TCO.

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