

DELL POWEREDGE T110 SERVER



Dell's compact, entry 1-socket tower server, the PowerEdge™ T110, offers small businesses the features they need to take their productivity and performance to the next level. Ideal for collaboration, file sharing, and centralization, the T110 is an ideal first server for small businesses.

The PowerEdge T110 features include the performance of the latest Intel® processors, DDR3 memory, e-SATA external storage expandability, and enhanced security and protection including cost-effective RAID options.

The PowerEdge T110 was developed with a purposeful design, energy-optimized technology, basic systems management, and the reliability you need. The PowerEdge T110 is a great first server for the small business looking to increase office productivity.

RIGHT-SIZED, FLEXIBLE TECHNOLOGY AND BUSINESS VALUE

The PowerEdge T110 was designed to meet the needs of the small business environment. Customizable with up to four hard drives for your important data, cost-effective RAID options for added data protection, new e-SATA external storage connectivity options, and basic systems management for easy system monitoring, the T110 is an ideal first server for the small business needing to increase productivity and collaboration.

Dell aims to add value to your business by providing the features you need without a lot of the unnecessary extras. Our goal is to deliver value through tailored solutions based on industry standards, as well as purposeful, innovative design.

PURPOSEFUL DESIGN

Built with the latest Intel® processors inside, the PowerEdge T110 can easily handle day-to-day computing and file storage demands. Our high-efficiency, low-flow fans are designed to spin faster in accordance with server workload demands. This helps to reduce unnecessary noise when possible and keeps the server cooler in your office environment. In addition, the T110 features up to four hard drives for your most important data and customer information. It also features basic systems management features designed to enable easy system monitoring and alerts to help ensure reliable performance day after day.

SOLID SECURITY

Dell provides standard security features in the PowerEdge T110 to help keep your data secure. The included Trusted Platform Module (TPM) provides hardware-based encryption and authentication. A chassis-intrusion switch alerts you when internal system components have been accessed. The internal locked-down USB ports help give IT administrators or small business owners an opportunity to implement other security and recovery options such as a password verification process to help prevent unauthorized system access. And finally, the PowerEdge T110 also features cost-effective RAID options that can help prevent data loss by further protecting the way your data is stored on your internal hard drives.

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.



FEATURES	DELL™ POWEREDGE™ T110
Form Factor	Tower
Processors	Quad-core Intel® Xeon® 3400 series processors or Dual-core Intel® Celeron® G1101, Intel® Pentium® G6950, Intel® Core™ i3 530, Intel® Core™ i3 540 processors
Processor Sockets	1
Front Side Bus or HyperTransport	DMI (Direct Media Interface)
Cache	8MB
Chipset	Intel® 3420 chipset
Memory	Up to 16GB (4 U-DIMMs): 1GB/2GB/4GB DDR3 1066MHz or 1333MHz
I/O Slots	4 PCIe G2 slots: Two x8 slot, (one with x16 connector) One x4 slot (with x8 connector) One x1 slot
RAID Controllers	Internal: PERC H200 (6Gb/s) SAS 6/iR PERC S100 (software based) PERC S300 (software based) External HBAs (non-RAID): 6Gbps SAS HBA LSI2032 PCIe SCSI HBA
Drive Bays	Cabled options available: Up to four 3.5" SAS or SATA
Maximum Internal Storage	4TB
Hard Drives¹	Hard drive options: 3.5 inch SATA (7.2K rpm): 160GB, 250GB, 500GB, 1TB 3.5 inch Near-line SAS (7.2 rpm): 1TB 3.5 inch SAS (10K rpm): 600GB 3.5 inch SAS (15K rpm): 146GB, 300GB, 450GB
Network Interface Cards	Broadcom® NetXtreme™ 5709 Dual Port Gigabit Ethernet NIC, Copper, w/TOE PCIe x4 Broadcom® NetXtreme™ 5709 Dual Port Gigabit Ethernet NIC, Copper, TOE/iSCSI PCIe x4 Intel® PRO/ 1000PT Single Port Adapter, Gigabit Ethernet NIC, PCIe x1 Intel® Gigabit ET Dual Port Adapter, Gigabit Ethernet NIC, PCIe x4
Power Supply	Single-cabled power supply (305W)
Availability	Quad-pack LED diagnostics, ECC Memory, add-in RAID, TPM/C-TPM
Video	Matrox® G200eW w/ 8MB memory
Remote Management	N/A
Systems Management	BMC, IPMI 2.0 compliant Dell™ OpenManage™ featuring Dell Management Console Unified Server Configurator
Rack Support	N/A
Operating Systems	Microsoft® Windows® Small Business Server 2008 Microsoft® Windows® Essential Business Server 2008 Microsoft® Windows Server® 2008 R2 Foundation ² Microsoft® Windows Server® 2008 SP2, x86/x64 (x64 includes Hyper-V™) Microsoft® Windows Server® 2008 R2, x64 (includes Hyper-V™ v2) Microsoft® Windows® HPC Server 2008 Novell® SUSE® Linux® Enterprise Server Red Hat® Enterprise Linux® For more information on the specific versions and additions, visit www.dell.com/OSsupport .

¹ For hard drives, GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

² Windows Server® 2008 R2 Foundation allows only 15 user accounts and requires certain Active Directory (AD) configurations. If not configured according to the product documentation, the software will generate warnings to correct the configuration. After a certain amount of time, the software will only run for one hour at a time until the configuration is corrected. For more information about these features review the product documentation located at <http://go.microsoft.com/fwlink/?Linkid=143551>.

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