Dell PowerEdge T110 II

An ideal first server for small businesses, the Dell™ PowerEdge™ T110 II has the right combination of value, reliability, collaboration and data protection features to improve your business continuity and productivity.

Business value

The PowerEdge T110 II was designed to meet the needs of your small business environment — customizable with your choice of hard drives for important data, RAID options for added data protection and basic systems management for easy system monitoring. The PowerEdge T110 II provides you with the performance and features you need so you can focus on running your business.

Easy access

Run applications, share information, access data from any workstation in the office and enable staff to work collaboratively by moving to a server-based network.

Adding a server to your business gives you the ability to connect with collaboration suites to meet and share documents or desktops over the Internet, deliver instant messages, make calls over the Internet and share desktops during conference calls — all without adding an IT staff.

The PowerEdge T110 II is ideally suited to give your business the flexibility and access you and your employees need to get more done.

Secure technology

Keep data secure and control file access with built-in encryption, security and data protection options. When coupled with the latest version of Microsoft® Windows® Small Business Server 2011 (SBS 2011), the PowerEdge T110 II delivers an integrated solution that can protect your data and restore functionality, in addition to remote access and collaboration features to help take your business to the next level.

With the PowerEdge T110 II, you can:

- Avoid costly business interruptions and potentially catastrophic security breaches with hardware-enabled advanced security and encryption features.

- Make copies of data automatically to prevent downtime in the event of a hard drive failure on Dell PowerEdge servers using a RAID configuration.

- Protect your files with the Microsoft Windows Small Business Server 2011 standard backup features that let you restore files and recover data, including automatic backups on PowerEdge servers.

Business friendly

Scalable, adaptable and ready to use, the T110 II is the ideal server for the small office setting and poised to grow with your business.

- Meet the needs of noise-sensitive environments, thanks to a design that gives you business-class performance with the same sound levels as a standard desktop computer.

- Get the processing power your business demands with options from the Intel Xeon® processor E3-1200 product family, Intel Xeon® processor E3-1200 V2 product family, Intel Pentium® G600 and G800 series, or Intel Celeron® G400 and G500 series.

- Choose processor options and memory configurations that are balanced to run typical business applications, including Microsoft Windows Small Business Server, SQL Server® Workgroup/Standard, Active Directory, SharePoint® server and file and print.

Ideal for collaboration, file sharing, and data protection the T110 II is an ideal first server for small businesses.

Feature	PowerEdge T110 II technical specification
Form factor	Tower
Processors	Intel® Xeon® processor E3-1200 product family Intel Xeon processor E3-1200 V2 product family Dual-core Intel Pentium® G600 and G800 series Dual-core Intel Celeron® G400 and G500 series
Processor sockets	1
Front Side Bus (FSB) or HyperTransport	Intel DMI (Direct Media Interface)
Cache	8MB
Chipset	Intel C202
Memory[1]	Up to 32GB (4 DIMMs): 1GB/2GB/4GB/8GB DDR3 up to 1600MT/s
I/O slots	**4 PCIe 2.0 slots:** Two x8 slots One x4 slot One x1 slot
RAID controller	**Internal:** PERC H200 (6Gb/s) PERC S100 (software based) PERC S300 (software based) **External HBAs (non-RAID):** 6GB/s SAS HBA
Drive bays	**Cabled options available:** Up to six 2.5" SATA SSD or SAS drives or Up to four 3.5" SAS, nearline SAS, or SATA drives
Maximum internal storage[1]	Up to 12TB
Hard drives	**Cabled hard drive options:** 2.5" SATA SSD, SAS (10K) 3.5" SAS (15K), nearline SAS (7.2K), SATA (7.2K, 5.4K)
Communications	Broadcom® NetXtreme® 5709 Dual Port Gigabit Ethernet NIC, Copper, with TOE PCIe x4 Broadcom NetXtreme 5709 Dual Port Gigabit Ethernet NIC, Copper, TOE/iSCSI PCIe x4 Broadcom NetXtreme II 5722 Single Port Gigabit Ethernet NIC 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/TCM
Video	Matrox® G200eW with 8MB memory
Remote management	N/A
Systems management	Dell OpenManage™ BMC, IPMI 2.0 compliant Unified Server Configurator
Operating systems	Microsoft® Windows®Server® 2012 Microsoft Windows Server 2012 Essentials Microsoft Windows Small Business Server 2011 Microsoft Windows Server 2008 R2 Foundation SP1 Microsoft Windows Server 2008 SP2, x86/x64 (x64 includes Hyper-V®) Microsoft Windows Server 2008 R2 SP1, x64 (includes Hyper-V) Microsoft Windows HPC Server 2008 Novell® SUSE® Linux Enterprise Server Red Hat® Enterprise Linux® **Virtualization options:** VMware® vSphere® and ESXi™ Microsoft Hyper-V, a server role in Microsoft Windows Server operating systems Red Hat Enterprise Virtualization® 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.

Learn more at Dell.com/PowerEdge