

DELL POWEREDGE T100 SERVER



An ideal first server for small business owners, the Dell™ PowerEdge™ T100 server offers performance and security with simple setup and management requirements designed for ease of use.

Implementing a networked server environment can provide a clear performance enhancement to small businesses. Users can benefit from fast response times, and the company as a whole benefits from having a reliable and secure infrastructure that can grow as the business and its need for collaborative applications evolve. The Dell PowerEdge T100 is tailored to meet the needs of a growing small business, offering simplified enterprise-level performance—including key data security and flexibility features—yet is simple to own, deploy, and manage.

PRODUCTIVITY

Featuring the latest Quad-Core Intel® Xeon® Processor with up to 2.83GHz and 2X 6MB cache, the PowerEdge T100 was built from the ground up to be an efficient member of your business team and can securely handle day-to-day computing and file storage demands. This comprehensive system has key security features such as an internal, locked-down USB 2.0 port, chassis intrusion switch, Trusted Platform Module (TPM) chip, and RAID architecture that can prevent data loss by transparently performing data backups, all of which offer capabilities for securing your data without the overhead and associated costs of more feature-rich servers.

FLEXIBILITY

The PowerEdge T100 can give small businesses the flexibility necessary to work with a variety of business environments. Designed with a slim chassis and quiet system acoustics, the T100 is suitable for any business area, whether your server is on a desktop or in a data closet. With its memory, I/O technology, internal storage capacity of up to 2TB, easy access to the chassis, and color-coded internal components, the PowerEdge T100 can scale with the growing needs of your business.

THE DELL DIFFERENCE

Dell PowerEdge servers are part of our commitment to the simplification of IT. We build, configure, and load the PowerEdge T100 at our factory so it's ready right out of the box. Each system is tailored specifically to your business needs, with all components fully assembled and tested in the factory prior to shipping. This helps reduce set-up time, lower costs, and minimize maintenance headaches, freeing you to devote more resources to growing your business.



ABOUT DELL GLOBAL 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 (Total Cost of Ownership).

FEATURES	DELL™ POWEREDGE™ T100 SERVER
Form Factor	Tower Only
Processors	Quad-Core and Dual-Core Intel® processor Xeon® 3000 sequence Intel® Core™2 Duo Processor 7000 sequence Dual-Core Intel® Pentium® Processor 2000 sequence Intel® Celeron® Processor 1200 series Intel Celeron Processor 400 sequence
Processor Sockets	1
Front Side Bus or HyperTransport	Up to 1333MHz
Cache	Up to 6MB
Chipset	Intel® 3200
Memory	Up to 8GB ² (4 DIMM slots): 512MB/1GB/2GB DDR2 SDRAM Single or Dual-Rank DIMM support
I/O Slots	Two PCI Express™ x8 One PCI Express x1; one PCI 32 bit/33 MHz, 3.3v
Drive Controller	Embedded SATA; optional SAS
RAID Controller	Optional SAS 6/iR for SAS or SATA RAID
Drive Bays	2 x 3.5" cabled SATA or SAS 2 x 5.25" optional DVD+/-RW, DVD-ROM, CD-RW/DVD combo 1 1 x 3.5" optional TBU floppy
Maximum Internal Storage	2TB (2 x 1TB) SAS 2TB (2 x 1TB) SATA
Hard Drives¹	3.5" SAS (10K rpm): 400GB 3.5" SAS (15K rpm): 73GB, 146GB, 300GB, 450GB 3.5" SATA (7.2K rpm): 160GB, 250GB, 500GB, 750GB, 1TB 3.5" Nearline SAS (7.2K rpm): 500GB, 750GB and 1.0TB 3.5" 2.0TB SATA
Network Interface Cards	Single embedded Gigabit NIC Optional Intel 10G Base-T, Cu, PCIe x8 Optional BCM 5709 GbE Dual Port - TOE only IPv6 Optional BCM 5709 GbE Dual Port - TOE IPv6, iSCSI Boot, with iSCSI Offload Intel® Gigabit ET Dual Port Server Adapter and Intel® Gigabit ET Quad Port Server Adapter
Power Supply	305W non-redundant, Manual Switching
Availability	ECC memory; optional H/W RAID controller (SAS 6i/R), Quad-pack Diagnostic LED
Video	Embedded ATI ES1000 video controller
Remote Management	NA
Systems Management	Dell Systems Build and Update Utility PowerEdge Diagnostics
Rack Support	NA
Operating Systems	Microsoft® Windows® Small Business Server 2008 Microsoft® Windows® Essential Business Server 2008 Microsoft® Windows Server® 2008 Foundation R2 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 .
Embedded Hypervisor	NA

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 The total amount of usable memory available will be less, depending on the actual system configuration. To utilize more than 4GB of memory requires a 64-bit OS.

SIMPLIFY YOUR SERVERS AT DELL.COM/PowerEdge

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