

# DELL POWEREDGE T105 SERVER



**An ideal first server for small business owners. Performance and security are standard features while complex management and deployment requirements are not.**

Implementing a networked server environment can provide a clear performance boost 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 grow. The Dell™ PowerEdge™ T105 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**

Dell's entry-level server, the PowerEdge T105, features the enterprise-level performance of a single quad-core or dual-core AMD Opteron™ processor up to 2.3 GHz and 2 MB cache. With multiple processor options and the native performance of AMD's HyperTransport™, businesses can truly gain the power of performance processing with the energy efficiency of Opteron processors. This right-sized basic system has key security features such as an internal, locked-down USB 2.0 port, chassis intrusion switch, and Trusted Platform Module (TPM) chip which offer capabilities for securing your data without the overhead and associated costs of more feature-rich servers.

## **FLEXIBILITY**

The PowerEdge T105 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 T105 is suitable for any business area, whether your server is on a desktop or in a data center. The PowerEdge T105 can scale with the growing needs of the business. Its memory, I/O technology, and internal storage capacity of 1.5 TB make the PowerEdge T105 an ideal option for small businesses with five to 10 clients that require high uptime for dedicated applications, file/print utilization, messaging, and shared Internet access.

## **EASY TO GET UP AND RUNNING**

Understanding that small and medium-sized organizations have limited budget and IT support resources, ease of management is key for any business technology. The PowerEdge T105 is designed to be easy to set up, manage, and maintain. The simplified management approach starts with the configuration of a system tailored specifically to your business needs with all components fully assembled and tested in the factory prior to shipping—no need to spend additional time and money on custom integration services. Each server ships with a Dell Systems Build and Update CD—a step-by-step wizard that can make short work of installation and management of applications—so you can experience the productivity benefits of server technology faster than ever.

## **THE DELL DIFFERENCE**

Dell PowerEdge servers are part of our commitment to the simplification of IT. We build, configure, and load the PowerEdge T105 at our factory so it's ready right out of the box. This helps reduce deployment 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™ T105 SERVER
<b>Form Factor</b>	Tower only
<b>Processors</b>	Quad-Core AMD Opteron™ 1300 Series Dual-Core AMD Opteron™ 1200 Series AMD Sempron™ LE1250
<b>Processor Sockets</b>	1
<b>Front Side Bus or HyperTransport</b>	HyperTransport at 2000 MT/s
<b>Cache</b>	Up to 2 MB AMD Opteron™ 512 K AMD Sempron™
<b>Chipset</b>	nVidia® CK8-04 Pro
<b>Memory</b>	512 MB-8 GB DDR <sup>1</sup> 677/800 MHz
<b>I/O Slots</b>	Two PCI Express™ x8 One PCI Express x1; one PCI 32 bit/33 MHz, 3.3v
<b>Drive Controller</b>	Embedded SATA; optional SAS
<b>RAID Controller</b>	Optional SAS 6i/R for SAS or SATA RAID
<b>Drive Bays</b>	2 x 3.5" cabled SATA or SAS 2 x 5.25" optional DVD+/-RW, DVD-ROM, CD-RW/DVD combo or 1 x 3.5" TBU floppy optional internal
<b>Maximum Internal Storage</b>	2.0TB (2 x 1.0TB) SAS 2.0TB (2 x 1.0TB) SATA
<b>Hard Drives<sup>2</sup></b>	3.5" SAS (10 K rpm): 400 GB 3.5" SAS (15 K rpm): 73 GB, 146 GB, 300 GB, 450 GB 3.5" SATA (7.2 K rpm): 160 GB, 250 GB, 500 GB, 750 GB, 1.0TB 3.5" Nearline SAS (7.2K rpm): 500GB, 750GB and 1.0TB 3.5" 2.0TB SATA
<b>Network Interface Cards</b>	Single embedded Gigabit <sup>3</sup> 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
<b>Power Supply</b>	305W non-redundant, Manual Switching
<b>Availability</b>	ECC memory; optional H/W RAID controller (SAS 6i/R), Quad-pack Diagnostic LED
<b>Video</b>	Embedded ATI ES1000 Video Controller
<b>Remote Management</b>	NA
<b>Systems Management</b>	Dell System Build and Update Utility PowerEdge Diagnostic
<b>Rack Support</b>	None
<b>Operating Systems</b>	Microsoft® Windows® Small Business Server 2008 Microsoft® Windows® Essential Business Server 2008 Microsoft® Windows Server® 2008 Foundation R2 <sup>4</sup> 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 <a href="http://www.dell.com/OSsupport">www.dell.com/OSsupport</a> .
<b>Embedded Hypervisor</b>	NA

<sup>1</sup> The total amount of usable memory available will be less, depending on the actual system configuration. To utilize more than 4 GB of memory requires a 64-bit OS.

<sup>2</sup> For hard drives, GB means 1 billion bytes; actual capacity varies with preloaded material and operating environment and will be less.

<sup>3</sup> This term does not connote an actual operating speed of 1 GB/sec. For high-speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.

<sup>4</sup> 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>.

## SIMPLIFY YOUR SERVERS AT [DELL.COM/PowerEdge](http://DELL.COM/PowerEdge)

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