

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 Dual-Core AMD Opteron™ processor up to 2.8GHz and 2MB cache with quad-core upgradeability. 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. 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 T105 can scale with the growing needs of the business. Its memory, I/O technology, and internal storage capacity of 1.5TB 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.

DELL IT INFRASTRUCTURE SERVICES

Dell brings pure execution to IT Services. The planning, implementation and maintenance of your IT infrastructure deserves nothing less. Variability in execution can compromise user productivity, IT resources and ultimately, your reputation. By utilizing our heritage of process driven excellence, Dell Services can deliver a smarter way.

We don't claim to do everything. We focus on IT infrastructure services. And we take a customer-led approach, grounded in the philosophy that you know your business better than anyone. That's why Dell does not try to take key business decisions out of your hands, or lock you into more than you need. Instead, we apply our world-class process management and "no excuses" culture to deliver what customers today most need — flexibility and repeatable quality. That's absolute execution. That's Dell.

Infrastructure Consulting Services

Dell Services experts have addressed the challenges presented by complex IT infrastructures in our own operations and at companies large and small. This experience enables us to plan and implement solutions that help our customers simplify their IT environments through infrastructure consulting services, including virtualization/consolidation, messaging migration and database services.

Deployment Services

System deployment is a necessary evil that plagues nearly every organization. You must deploy new systems to help improve performance and meet user demand. With Dell's deployment services, we help simplify and speed up the deployment and utilization of new systems to maximize uptime throughout your IT environment.

Asset Recovery and Recycling Services

Proper disposal, reselling and donation of computer equipment is a time-consuming task that typically falls to the bottom of many IT to-do lists. Dell can simplify the end of life processes for IT equipment in a way that can maximize value for customers.

Training Services

Arm your employees with the knowledge and skills they need to be as productive as possible. Dell offers comprehensive training services which include hardware and software training, as well as PC skills and professional development classes. With Dell training you can help improve system reliability, maximize productivity and reduce end user requests and downtime.

Enterprise Support Services

With Dell, you can get maximum performance and availability of your Dell server and storage systems. Our Enterprise Support services offer proactive maintenance to help prevent problems as well as rapid response and resolution of problems when they do occur. We have built a robust global infrastructure that offers multiple levels of enterprise support for systems throughout your infrastructure.

To help you get the most from your Dell systems, visit www.dell.com/services.

Services vary by region.

FEATURES	DELL™ POWEREDGE™ T105 SERVER
Form Factor	Tower only
Processors	Single AMD Opteron™ 1000 series at up to 2.8GHz; Single AMD Sempron™ LE1250 at 2.2GHz
HyperTransport™	HyperTransport at 2000MT/s
Cache	Up to 2MB AMD Opteron™ 512K AMD Sempron™
Chipset	nVidia CK8-04 Pro
Memory	512MB-8GB DDR ¹ 677/800
I/O slots	Two PCI Express™ x8; One PCI Express x1; One PCI 32 bit/33MHz, 5v
Drive Controller	Embedded SATA; optional SAS
RAID Controller	Optional SAS 6i/R for SAS or SATA RAID
Tape Support	DAT 72 (SCSI); External RD1000
Drive Bays	2 x 3.5" cabled SATA or SAS 2 x 5.25" optional DVD-ROM, CD-RW/DVD combo or optional internal TBU 1 x 3.5" floppy
Maximum Internal Storage	Up to 800GB: two 400GB cabled SAS (10K rpm); Up to 1.5TB: two 750GB cabled SATA (7.2K rpm)
Hard Drives²	3.5" SAS (15K rpm): 73GB, 146GB, 300GB; 3.5" SAS (10K rpm): 400GB 3.5" SATA (7.2K rpm): 80GB, 160GB, 250GB, 500GB, 750GB
Network Interfaces	Single embedded Gigabit ³ NIC
Availability	ECC memory; Optional H/W RAID controller (SAS 6i/R), Quad-pack Diagnostic LED
Systems Management	Dell Server Assistant
Rack Support	None
Operating Systems	Microsoft® Windows® Server 2003 R2, Standard Edition Microsoft® Windows® Server 2003 R2, 64-bit edition Microsoft® Windows® Small Business Server 2003 R2, Standard Edition Microsoft® Windows® Small Business Server 2003 R2, Premium Edition Novell® SUSE® Linux Enterprise Server 10 x86-64 Red Hat® Linux Enterprise v5

¹ 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.

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

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

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