

# DELL™ POWEREDGE™ T300



A solid IT infrastructure is essential for any small business, providing the productivity and reliability necessary to succeed. Dell works directly with small businesses every day, listening to their concerns and helping them to achieve their goals. This collaboration has resulted in the PowerEdge T300, a 1-socket tower server built for the small business.

## EXCEPTIONAL PERFORMANCE

The PowerEdge™ T300 introduces a new, advanced 1-socket chipset and processors specifically designed for superior performance. Intel® quad-core processing provides stable performance for even the most memory-intensive applications.



## TRUSTED RELIABILITY

The T300 is built for high availability. Hot-plug hard drives and redundant power supplies help ensure that your system will stay up and running even if a component fails. Plus, the hard drives can be replaced without powering down the server, resulting in increased uptime and productivity.

## UNPRECEDENTED MEMORY CAPACITY

With up to 24 GB of DDR-2 memory, the PowerEdge T300 offers three times the memory capacity of competitive systems, and its Intel® chipset helps provide excellent memory scalability.

## SECURITY COMES STANDARD

The PowerEdge T300 is designed to help ensure the confidentiality, integrity and availability of your data. In fact, this new generation of PowerEdge servers is the most secure Dell has ever produced. Standard features include a locked-down internal USB port, chassis intrusion switch, locking bezels and a built-in Trusted Platform Module (TPM) which enables system authentication, assists with encryption and helps prevent tampering.

## SYSTEMS SUPPORT

Companies with limited or no dedicated IT staff have access to key support services customized for the small business. Dell ProSupport for Non-IT includes direct access to certified technicians 24/7, as well as popular small business software application assistance and configuration help.

## THE DELL DIFFERENCE

Dell PowerEdge servers are part of our commitment to the simplification of IT. We build, configure and load the PowerEdge T300 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 Global Services simplify the management of your IT environment so you get up and running quickly, with lower deployment costs, fewer hassles, and less time spent on non-strategic tasks. You pay only for the services you need, gain instant access to the latest innovations without additional infrastructure investment, and take your business from maintenance to momentum.

Many IT services today are outdated, expensive, inflexible and people-intensive. As a result, businesses can be burdened with lengthy contracts, trapped in old technology and spending much more than is necessary just to keep the lights on. Dell is changing all of that by integrating cutting edge technologies into our products and global service infrastructure to forever change the way services are delivered, purchased and managed. Tapping directly into Dell's world-class capabilities, resources and platform in this way will make it easier to reclaim valuable IT time and resources.

Many of the service investments Dell has made are available through or in conjunction with Dell's global network of PartnerDirect channel partners. For more information please visit [www.dell.com/services](http://www.dell.com/services) or contact your local Dell PartnerDirect Registered partner.

FEATURES	DELL™ POWEREDGE™ T300 SERVER
<b>Form Factor</b>	Tower Only
<b>Processors</b>	Quad-Core Intel Xeon Processor 5000 Sequence Dual and Quad-Core Intel Xeon Processor 3000 Sequence Intel® Core 2 Duo® processor Intel® Celeron® processor
<b>Processor Sockets</b>	1
<b>Front Side Bus or HyperTransport</b>	Up to 1333 MHz
<b>Cache</b>	Up to 6MB
<b>Chipset</b>	Intel 5100 Chipset
<b>Memory</b>	Six ECC DDR-2 667 SDRAM DIMM sockets for up to 24GB of memory
<b>I/O Slots</b>	Two PCIe x 8 Two PCIe x 4 One PCI-X 64/133
<b>Drive Controller</b>	Embedded SATA Controller, Optional SAS 5/E Controller
<b>RAID Controller (Optional)</b>	PERC 6/E PERC 6/i SAS 6/iR SAS 5/E
<b>Drive Bays</b>	4 x 3.5" cabled or front access/hot plug SATA or SAS Hard Drive Bays 1 x 5.25" optional CD/DVD-ROM, CD-RW/DVD combo, DVD, DVD RW 1 x 5.25" optional half-height internal TBU 1 x 3.5" floppy
<b>Maximum Internal Storage</b>	4.0TB (4 x 1.0TB)SAS 4.0TB (4 x 1.0TB) SATA
<b>Hard Drives</b>	3.5" SAS (10K rpm): 400GB 3.5" SAS (15K rpm): 73GB, 146GB, and 300GB 3.5" SATA (7.2K rpm): 160GB, 250GB, 500GB, 750GB, 1TB 3.5" Nearline SAS (7.2K rpm): 500GB, 750GB and 1.0TB
<b>Network Interface Cards</b>	Embedded dual port GB LOM Optional Intel 10GBase-T, Cu, PCIe x8 Optional BCM 5709 GbE Dual Port - TOE IPv6, iSCSI Boot, with iSCSI Offload Optional BCM 5709 GbE Dual Port - TOE only IPv6 Optional Intel PRO/1000VT Quad Port GbE
<b>Power Supply</b>	490W non-redundant or 528W redundant
<b>Availability</b>	ECC memory, add-in RAID, tool-less chassis, hot-plug HDD, redundant PSU, TPM
<b>Video</b>	ATI RN 50
<b>Remote Management</b>	DRAC 5, Baseboard Management Center
<b>Systems Management</b>	DRAC 5, OpenManage™ (BMC)
<b>Rack Support</b>	NA
<b>Operating Systems</b>	Microsoft® Windows® Server 2003 R2 Microsoft Windows Storage Server Microsoft Windows Essential Business Server (x64) 2008 Microsoft Windows Server Downgrade Option to 2003 SP2 Microsoft Windows Server 2008 w/ HyperV, SP2 Microsoft Windows Server 2008 Small Business Server Microsoft Windows Essential Business Server Novell® SUSE Linux 10, 11 Red Hat® Linux® Enterprise 5.2, 5.3
<b>Embedded Hypervisor</b>	NA

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

