THE LENOVO® THINKSERVER™ TD100

THE ULTIMATE IN INNOVATIVE IDEAS.

ULTIMATE PERFORMANCE
- Intel® Xeon® processors 5000 sequence
- Intel® 5000P Chipset
- 32GB of maximum memory
- 670Wx1 power supply, redundant power capable (835Wx1), or redundant power populated (835Wx2)

ULTIMATE RELIABILITY
- 8 slots of 1/2/4GB 667MHz DDR2 with Advanced ECC FBDIMM
- Integrated Broadcom 5721 Gigabit Ethernet
- Onboard ATI ES1000 (RN50) graphics with 16MB SDRAM
- LED Diagnostics, fans and memory
- 6 high-performance PCI expansion slots

ULTIMATE CUSTOMIZATION
- Industry-leading software solutions available from Lenovo and Lenovo Business Partners:
  - Microsoft® Windows Server® 2008 Standard Edition with Hyper-V™ Reseller Option Kit
  - Microsoft® Windows Server® 2008 Enterprise Edition with Hyper-V™ Reseller Option Kit
  - Microsoft® Windows® Small Business Server 2003 R2 Standard Edition Reseller Option Kit
  - Microsoft® Windows® Small Business Server 2003 R2 Premium Edition Reseller Option Kit
- Novell® SUSE® Linux Enterprise Server (Novell® is Lenovo's Preferred Linux Provider for ThinkServer)
- Hardware customization through ThinkServer and ThinkServer Ready options

ULTIMATE SETUP AND MANAGEMENT
- ThinkServer EasyStartup server startup and configuration utility
- ThinkServer EasyUpdate firmware updater
- ThinkServer EasyManage server management for hardware monitoring, alerting, administration, and more
- PC-Doctor Diagnostics
- IPMI 2.0 support

ULTIMATE SERVICES
- ThinkPlus™ Productivity gets your server up and running fast
- ThinkPlus™ Priority Support offers expert IT support for your ThinkServer when you need it
- An included 90-day trial of the Priority package supports you during your first critical three months of ownership

lenovo®

NEW WORLD. NEW THINKING.™

THE LENOVO THINKSERVER™ TD100

ENGINEERED TO SCALE UP WITH YOUR GROWING BUSINESS NEEDS.

Meet the new ThinkServer TD100, where first-class hardware is combined with software tools and services designed to deliver the best possible server experience for the small business owner. This dual-processor capable tower server is a high-performance system that works with the mission critical applications in use in a branch office. It understands that uptime is critical, and offers excellent scalability and data protection. In addition, it's complemented by services that offer the highest level of IT support. The customizable TD100 combines reliable hardware, ease of use and hassle-free support to give small businesses the ultimate amount of flexibility. The ThinkServer line ensures that data is kept secure with available disaster recovery offerings that improve upkeep across a small business, making it easy to centralize IT infrastructure. It's even easier to enjoy the low cost without sacrificing performance, storage or flexibility.

Coupled with reliable hardware, the new ThinkServer TD100 comes equipped with a suite of easy-to-use software, services and toolsets to make the setup, updating and management of your server painless and perfect. Just what you need to power your CRM, virtualization, database, Web server, e-mail and file/print priorities — along with your ideas.

ROCK-SOLID HARDWARE
Proven technology powers ThinkServer systems, along with Intel® chipsets and processors. Added attributes like Advanced ECC make the ThinkServer TD100 resilient and reliable. Lenovo's design and engineering traits also are synonymous with the successful Think® brand, affording you the peace-of-mind to focus on growing your business.

THOUGHTFUL MANAGEMENT
ThinkPlus™ Services are developed with the small business and the local business partner in mind. Simple solution packages get you productive fast and provide the priority service you depend on, including ThinkPlus™ Productivity and ThinkPlus™ Priority Support, plus a wide range of other modular SMB services. Third-party software fills in where and when it's needed, including Lenovo Integrated Software Solutions from LANDesk®. Operating Systems from Microsoft® and Novell® are offered, and additional solutions from VMWare® and Red Hat® are certified to run on Lenovo ThinkServer hardware.

VAST SUPPORT
The Lenovo Partner Network helps your dedicated Business Partner easily lead you through every step of the customization and management of your new hardware.

THINKSERVER TD100

Warranty 1/1	Warranty 3/3
Form Factor Tower	**Form Factor** Tower
Core Chipset Intel® 5000P	**Core Chipset** Intel® 5000P
Processor Dual Capable E5400 Series (E5405)	**Processor** Dual Capable E5400 Series (E5420)
Machine Type-Model 6399-13x/6399-14x	**Machine Type-Model** 6429-14x/6429-15x/6429-16x
Speed & Capacity 2.00GHz Clock Speed 1333MHz Front Side Bus 12MB L2 Cache	**Speed & Capacity** 2.50GHz/2.33GHz/2.66GHz Clock Speed 1333MHz Front Side Bus 12MB L2 Cache
Memory 667MHz DDR2 FBDIMM 32GB Maximum Memory	**Memory** 667MHz DDR2 FBDIMM 32GB maximum memory
Storage Built-in Adaptec RAID 8k-I (RAID 0,1,10) or Adaptec 8k (RAID 0,1,5,6,10,1e)* Up to 8x3.5" SATA HDD SS HDD Backplane DVD-ROM	**Storage** Built-in Adaptec RAID 8k-I (RAID 0,1,10) or Adaptec 8k (RAID 0,1,5,6,10,1e)* Up to 8x3.5" Hot-Swap (SAS or SATA) HS HDD Backplane DVD-ROM
Connectivity Gigabit Ethernet (Integrated)	**Connectivity** Gigabit Ethernet (Integrated)
Diagnostics LED	**Diagnostics** LED
Power Supply 670Wx1 Power Supply	**Power Supply** Redundant Power Supply Enabled (835Wx1) or (835Wx2)

*Optional

A-La-Carte ThinkPlus™ Services

Online Data Backup
A secure, online location to backup your valuable business data

Onsite Hardware Installation
Onsite installation of your hardware by a trained technician

Online Training
Learn the basics on components, diagnostics, troubleshooting and managing your server

EXCEPTIONAL SUPPORT WITH THINKPLUS™ SERVICE BUNDLES

ThinkPlus™ Warranty Base Warranty Support	ThinkPlus™ Priority Support 90-Day Trial Included (With HW Product Purchase)	ThinkPlus™ Productivity No-Hassle Up & Running Bundle
• Warranty Upgrade • Warranty Extension	• 24x7 HW & SW Phone Support • Next-Business Day (9x5) Onsite Service • Priority Routing • Advanced Level Technicians • SW Installation & Usage Support (Phone-Based) • Optional 4-Hour (24x7) Onsite Service Response • Optional Hard Disk Drive Retention	• Onsite HW Installation • Online Training • Priority Support

Processors	
45J6221	Intel® Xeon® E5405 Processor (2.00GHz/1333MHz FSB 12MB 80W)
45J6185	Intel® Xeon® E5410 (2.33GHz 1333MHz 80w)
45K1605	Intel® Xeon® E5420 Processor (2.66GHz/1333MHz FSB 12MB 80W)
45J6186	Intel® Xeon® E5430 Processor (2.50GHz/1333MHz FSB 12MB 80W)

Memory	
45J6191	ThinkServer 1GB PC2-5300 (667MHz) ECC DDR2 FBDIMM Memory
45J6192	ThinkServer 2GB PC2-5300 (667MHz) ECC DDR2 FBDIMM Memory
45J6193	ThinkServer 4GB PC2-5300 (667MHz) ECC DDR2 FBDIMM Memory

Hard Disk Drives	
45J6195	ThinkServer 160GB 3.5" Simple-Swap SATA II Drive
45J6196	ThinkServer 250GB 3.5" Simple-Swap SATA II Drive
45J6197	ThinkServer 500GB 3.5" Simple-Swap SATA II Drive
45J6200	ThinkServer 160GB 3.5" Hot-Swap SATA II Drive
45J6201	ThinkServer 250GB 3.5" Hot-Swap SATA II Drive
45J6202	ThinkServer 500GB 3.5" Hot-Swap SATA II Drive
45J6203	ThinkServer 750GB 3.5" Hot-Swap SATA II Drive
45J6204	ThinkServer 1TB 3.5" Hot-Swap SATA II Drive
45J6211	ThinkServer 146GB 15K 3.5" Hot-Swap SAS Drive
45J6212	ThinkServer 300GB 15K 3.5" Hot-Swap SAS Drive

Keyboard / Mice	
31P9490	ThinkPad Travel UltraNav® USB Keyboard - U.S. English
73P5220	Lenovo Preferred Pro USB Keyboard - U.S. English
06P4069	Lenovo Optical Mouse

Monitors	
9165AC6	Lenovo 15 TFT LCD/ThinkVision® L151 15" Analog LCD
9227AD1	Lenovo T117 17 TFT LCD/ThinkVision L171 17" Analog LCD
4431HB2	Lenovo 19 TFT LCD/ThinkVision L193p 19" Digital/Analog LCD

Diskette Drive	
05K9276	USB Portable Diskette Drive

ThinkServer Ready I/O Options	
39Y6146	QLogic iSCSI Single-Port PCIe HBA
42C1770	QLogic iSCSI Dual-Port PCIe HBA
42C2069	Emulex 4GB FC Single-Port PCI-E HBA
42C2071	Emulex 4GB FC Dual-Port PCI-E HBA
39R6525	QLogic 4GB FC Single-Port PCIe HBA
39R6527	QLogic 4GB FC Dual-Port PCIe HBA
39Y6126	PRO/1000 PT Dual-Port Server Adapter by Intel®
39Y6136	PRO/1000 PT Quad-Port Server Adapter by Intel®

ThinkServer Ready Tape Options	
42D8771	IBM® GoVault Drive without Cartridge/Internal Dock
39M5617	IBM GoVault 80GB Cartridge
42D8776	IBM GoVault 120GB Cartridge
39M5636	IBM DDS Generation 6 USB Tape Drive
44E8895	IBM Half-High LTO Generation 4 SAS Tape Drive

ThinkServer Ready Controller/RAID Options	
25R8064	IBM ServeRAID 8k SAS Controller
44E8825	IBM ServeRAID-MR10M SAS/SATA Controller w/remote
25R8060	IBM SAS HBA Controller

ThinkServer Ready Racks & Rack Accessory Options	
17353LX	IBM 1x8 Console Switch
17354GX	IBM 4x16 Global Console Manager
17237RX	Monitor Shelf
17235RX	Keyboard Tray
39Y8382	5Ux26D Tower to Rack Conversion Kit

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