

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 SPECIFICATIONS AND SERVICES

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

- Warranty Upgrade
- Warranty Extension

ThinkPlus™ Priority Support 90-Day Trial Included (With HW Product Purchase)

- 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

ThinkPlus™ Productivity No-Hassle Up & Running Bundle

- Onsite HW Installation
- Online Training
- Priority Support

THINKSERVER™ TD100 ACCESSORIES AND OPTIONS

| 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 ServerRAID-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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www.lenovo.com/thinkserver

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Availability: All offers subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time without notice. Lenovo is not responsible for photographic or typographic errors.

Warranty information: For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC 27709, Attn: Dept. ZPYA/B676. Lenovo makes no representation or warranty regarding third-party products or services.

Footnotes: [1] **Limited Warranty:** Support unrelated to a warranty issue may be subject to additional charges. [2] **Hard Disk Drive:** GB = billion bytes. TB = trillion bytes. Accessible capacity is less; up to 4GB is service partition. [3] **Included Software:** May differ from its retail version (if available) and may not include user manuals or all program functionality. License agreements may apply. [4] **DVD-ROM Drives:** List maximum rates; rates are variable and are often less than the maximum. [5] **Memory:** Maximum memory varies depending on model and may require replacement of standard memory with optional maximum memory module. [6] **Internet Access:** Requires an account, available separately. [7] **Data Transfer Rates:** Vary and are often less than the maximum possible. [8] **Pricing:** Does not include tax, shipping and handling, or any recycling fees and are subject to change without notice. Starting price may not include a hard disk drive, operating system, or other features. [9] **Copyright And License Terms:** All users are responsible for complying with such terms for the software contained in their image. Multiple Microsoft operating systems may require multiple licensing fees. Although more than one language may be available in the image, the customer may use only one language per system. [10] **ThinkServer Ready Options:** Have part numbers associated with IBM® xSeries ServerProven® options.

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