

# THE LENOVO® THINKSERVER™ TD100x

A WINNING IDEA FOR YOUR GROWING BUSINESS.



## ULTIMATE PERFORMANCE

- Intel® Xeon® processors 5000 sequence
- Intel® 5000P Chipset
- 48GB of maximum memory
- 835W redundant power supply (maximum)



## ULTIMATE RELIABILITY

- 12 slots of 1/2/4GB 667MHz DDR2 with Advanced ECC FB DIMM
- Integrated dual Broadcom 5721JGB Ethernet
- Onboard ATI ES1000 (RN50) graphics with 16MB SDRAM
- Easy 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® 2003 Standard Edition Reseller Option Kit
  - Microsoft® Windows Server® 2003 Enterprise Edition Reseller Option Kit
  - 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 setup and configuration utility
- ThinkServer EasyUpdate for Lenovo hardware drivers and firmware
- 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**®

# THE LENOVO THINKSERVER™ TD100x

ENGINEERED TO SCALE UP WITH YOUR GROWING BUSINESS NEEDS.

Meet the new ThinkServer TD100x, 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 tower server is a high-performance system that works with redundant power, fans and drives to juice the mission critical applications in use in a branch office. It understands that uptime is critical, and offers the best scalability and data protection for your small to medium-sized business. In addition, it's complemented by services that offer the highest level of IT support. The customizable TD100x 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 TD100x 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 run your most powerful applications and supercharge 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 and Easy LED Diagnostics make the ThinkServer TD100x 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™ TD100x SPECIFICATIONS AND SERVICES

## THINKSERVER TD100x

**Warranty**  
3/3

**Form Factor**  
Tower

**Core Chipset**  
Intel® 5000P

**Processor**  
Dual  
X5400 Series (X5450)

**Machine Type-Model**  
4206-14x

**Speed & Capacity**  
3.00GHz Clock Speed  
1333MHz Front Side Bus  
12MB L2 Cache

**Memory**  
667MHz DDR2 FBDIMM  
48GB Maximum Memory

**Storage**  
RAID 0, 1, 1e, 5, 6, 10  
Up to 8x 3.5" SAS HDD  
Second Drive Carrier  
HS HDD Backplane  
DVD-ROM

**Connectivity**  
Dual Gigabit Ethernet (Integrated)

**Diagnostics**  
Easy LED

**Power Supply**  
835W Redundant Power Supplies (Maximum)



### 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™ TD100x ACCESSORIES AND OPTIONS

Processors	
45K1608	Intel® Xeon® X5450 Processor (3.00GHz/1333MHz FSB 12MB 120W)
Memory	
45J6191	ThinkServer 1GB PC2-5300 (667MHz) ECC DDR2 FBDIMM Memory
45J6192	ThinkServer 2GB PC2-5300 (667MHz) ECC DDR2 FBDIMM Memory
Hard Disk Drives	
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	
25R0006	IBM® GoVault Drive
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
43W4339	IBM ServeRAID-MR10M SAS/SATA Controller
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



[www.lenovo.com/thinkserver](http://www.lenovo.com/thinkserver)

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TSSTD100x-0908-WWEN-01