

THE ULTIMATE IDEA FOR BUSINESS GROWTH.

THE LENOVO® THINKSERVER™ RS110

ULTIMATE PERFORMANCE

- Intel® Core™2 Duo processors and Xeon® processors 3000 sequence
- Intel® 3210 Chipset
- 8GB of maximum memory
- 350W power supply

ULTIMATE RELIABILITY

- 4 slots of 1/2GB DDR2 800MHz SDRAM DIMM/uDIMM
- One PCI-E bus Broadcom 5722 and one PCI32 Broadcom 5703 Ethernet, integrated
- ATI ES1000 graphics with DVO for VGA re-direction through RSAll slim card (optional)
- LED Diagnostics, fans and memory
- 2 high-performance PCI-E 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 setup and configuration utility
- ThinkServer EasyManage server management for hardware monitoring, alerting, administration and updating drivers
- 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



ThinkServer™ Ideas

Easy to Use
Easy to Install
Easy to Expand
Easy to Maintain

lenovo®

NEW WORLD. NEW THINKING.™

ENGINEERED FOR THE SMALL BUSINESS WITH A LARGE BUSINESS AGENDA.

THE LENOVO® THINKSERVER™ RS110

Meet the new ThinkServer RS110, 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 single-processor rack server scales well in a datacenter, is space-optimized and knows that 24x7 uptime is important. In addition, it's complemented by services that offer the highest level of IT support. The customizable RS110 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 RS110 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 upgrade from a desktop computer to power your file/print, e-mail and Web priorities — along with your ideas.

ROCK-SOLID HARDWARE

Proven technology powers ThinkServer systems, along with Intel® chipsets and processors. 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 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.



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Easy to Install
Easy to Expand
Easy to Maintain

lenovo®

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THINKSERVER™ RS110 SPECIFICATIONS AND SERVICES

THINKSERVER RS110

Warranty	Warranty	Warranty
1/1	3/3	3/3
Form Factor Rack	Form Factor Rack	Form Factor Rack
Core Chipset Intel® 3210	Core Chipset Intel® 3210	Core Chipset Intel® 3210
Processor Single Intel® Core™2 Duo E7400	Processor Single Intel® Dual Core™ Xeon E3100	Processor Single Intel® Quad-Core™ Xeon X3330
Machine Type-Model 6436-15G	Machine Type-Model 6438-13G	Machine Type-Model 6438-17G
Speed & Capacity 2.8GHz Clock Speed 1066MHz Front Side Bus 3MB L2 Cache	Speed & Capacity 3.00GHz Clock Speed 1333MHz Front Side Bus 6MB L2 Cache	Speed & Capacity 2.66GHz Clock Speed 1333MHz Front Side Bus 6MB L2 Cache
Memory 1x1 GB 800MHz DDR2 ECC UDIMM 8GB Maximum Memory	Memory 1x2 GB 800 MHz DDR2 ECC UDIMM 8GB Maximum Memory	Memory 2x1GB 800 MHz DDR2 SDRAM UDIMM 8GB Maximum Memory
Storage LSI Logic 1064 (RAID 0,1) Up to 2x 3.5 SATA HDD Simple Swap HDD Backplane DVD RW	Storage LSI Logic 1064 (RAID 0,1) Up to 2x3.5 SATA HDD Simple Swap HDD Backplane DVD RW	Storage LSI Logic MR-10i (RAID 0,1,5,6,10) Up to 4x2.5" SAS HDD Hot-Swap HDD Backplane DVD±RW Slimline
Connectivity Dual Gigabit Ethernet	Connectivity Dual Gigabit Ethernet	Connectivity Dual Gigabit Ethernet
Diagnostics LED (Fans and Memory)	Diagnostics LED (Fans and Memory)	Diagnostics LED (Fans and Memory)
Power Supply 350W Standard	Power Supply 350W Standard	Power Supply 350W Standard

A-La-Carte ThinkPlus™ Services

Online Data Backup

A secure, online location to backup your valuable business data

Onsite Hardware Installation

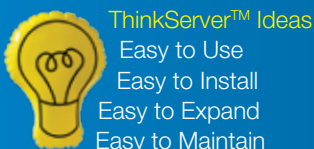
Onsite installation of your hardware by a trained technician

Online Training



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

EXCEPTIONAL SUPPORT WITH THINKPLUS™ SERVICE BUNDLES

ThinkPlus™ Warranty	ThinkPlus™ Priority Support	ThinkPlus™ Productivity
Base Warranty Support	90-Day Trial Included (With HW Product Purchase)	No-Hassle Up & Running Bundle
<ul style="list-style-type: none"> Warranty Upgrade Warranty Extension 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Onsite HW Installation Online Training Priority Support



THINKSERVER™ RS110 ACCESSORIES AND OPTIONS

Memory	
45J6188	ThinkServer™ 1GB PC2-6400 (800 MHz) ECC DDR2 SDRAM
45J6189	ThinkServer™ 2GB PC2-6400 (800 MHz) ECC DDR2 SDRAM
	
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
45J6198	ThinkServer™ 750GB 3.5' Simple-Swap SATA II Drive
45J6207	ThinkServer™ 146GB 10K 2.5' Hot-Swap SAS Drive
45J6208	ThinkServer™ 73GB 15K 2.5' Hot-Swap SAS Drive
	
Keyboard / Mice	
31P9XXX	ThinkPad Travel UltraNav® USB Keyboard
73P52XX	Lenovo® Preferred Pro USB Keyboard
06P4069	Lenovo® Optical Mouse
Monitors	
T27AGXX / T27ENXX	Lenovo® ThinkVision® L174 17' Analog
R27HEXX / T27HEXX	Lenovo® ThinkVision® L1700p - 17' Analog + DVI - D
R43HEXX / T43HEXX	Lenovo® ThinkVision® L1900p - 19' Analog + DVI - D
Diskette Drive	
05K9276	USB Portable Diskette Drive

 www.lenovo.com/thinkserver/europe

THINK SAVINGS. THINK LENOVO.


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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-RO M 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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Easy to Maintain

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