THE AFFORDABLE, STORAGE-RICH WORKHORSE

THE LENOVO® THINKSERVER® RD240

In today's cost-conscious corporate environment, businesses are constantly seeking ways to streamline operations and cut costs, while maintaining strict performance requirements. Keeping these key needs in mind, Lenovo designed the affordable, storage-rich RD240. Powered by the latest Intel® Xeon® processors with up to 12 CPU cores, the RD240 offers up to 60% faster performance than previous generation servers.

The RD240 is a smart choice for businesses that look for cost-effective alternative storage solutions, while maintaining high levels of data protection. With several levels of advanced data protection, inducing RAID data cache and available battery backup and up to 16TB low-cost storage, the RD240 is well-suited to meet the storage needs of growing enterprises.

Overall, the RD240 is power-packed for performance and scalability. With many industry-leading features bundled in a compact rack model at a great value, the RD240 significantly lowers Total Cost of Ownership (TCO), while providing the tools to power most business server applications and solutions.

**TOP
REASONS
TO OWN**
- WORKHORSE PERFORMANCE
- UP TO 60% FASTER THAN PREVIOUS GENERATION SERVERS
- UP TO 16TB STORAGE CAPACITY
- HIGHLY SCALABLE

IMPRESSIVE FEATURES

Power to Deliver

Built on the latest Intel® Xeon® platform with up to 12 CPU cores, the RD240 can easily power even the most hungry applications such as Database Transactions, Media Streaming, E-mail/Collaboration and Enterprise Application Software. In addition, the RD240 offers the following benefits:

- **Maximum Speed**
  Powered by the latest Intel® Xeon® Westmere processors, the RD240 is up to 60% faster than previous generation servers and provides enhanced computing power required for most demanding applications
- **Enhanced Memory**
  With 8 memory slots and supporting up to a 64GB ECC memory, the RD240 future-proofs your scalability and stability requirements
- **24/7 Operation**
  The RD240 comes available with a battery backup for advanced RAID cache and redundant power supplies so that your business-critical data is always protected, giving you complete peace of mind
- **Reliable Storage Technology**
  The RD240 offers a choice of high-performance SAS hard drives or low-cost SATA hard drives and provides up to 16TB of scalable storage, hot swappable storage

Management made Simple

The RD240 comes standard with the web-enabled remote management, giving you complete round-the-clock access to your server from any location. With the RD240 you enjoy:

- **Anytime Management**
  With the web-enabled iBMC standard, you can check the status of your server from any location and receive quick alerts anytime and anywhere
- **iKVM Upgrade**
  Keyboard, video and mouse remote control to optimize server settings, diagnose issues and fix from anywhere at anytime
- **Easy Installation**
  The RD240 easily integrates with Lenovo's ThinkVantage® Technologies and supports a 2-click rapid deployment feature using the EasyStartup tool

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THERE'S MORE THINKING IN A **ThinkServer**®

Ideal solution for you

The RD240 is ideal to future proof your purchase with a server that grows with your business and powers your demanding applications.

- **Corporate Branch Office**
  With a 2 click deployment and built-in web enabled remote management, the RD240 is simple to setup and allows you to troubleshoot any problems from the main office
- **Managed Service Provider**
  With workhorse performance and hot swap storage, the ThinkServer RD240 provides flexibility required to power virtually any solution. In addition, the online configuration tools help choose and configure complete solutions in just a few minutes
- **Healthcare Solution for Collaboration**
  Whether it's simple e-mail or critical real time collaboration required for consultation, the RD240 provides data reliability and security features that ensure there is no downtime
- **Government Institutions**
  The TAA compliant ThinkServer® RD240 is an ideal workhorse server that provides the necessary capacity and processing power to handle large transactions
- **Select Applications or Solutions**
  Whether used for e-mail/collaboration software server, for streaming media or as a database solution server, the RD240 is perfect fit to power your demanding applications

SERVICE OFFERINGS

BASE WARRANTY
- 1-year onsite
- 3-year onsite

UP AND RUNNING SOLUTION BUNDLES
ThinkPlus® Productivity includes:
- 3-year ThinkPlus Priority Support
- One-time server hardware installation service
- One-time online training – ThinkServer fundamentals
- Lenovo Professional Services – migration, security, continuity

WARRANTY EXTENSIONS AND PRODUCT SUPPORT
- ThinkPlus Priority Support consolidated HW/SW support
  - » 3/5-year ThinkPlus Priority Support
  - » 3/5-year ThinkPlus Priority with Hard Disk Drive Retention
- 3/5-year 9 x 5 Onsite Next Business Day (NBD)
- 3/5-year Hard Disk Drive Retention
- 4-hour onsite service response upgrades available via special bid in select locations

VALUE-ADDED SERVICES
- Server hardware installation service
- Online Training – managing and servicing ThinkServer
- Lenovo® Professional Services – migration, security, continuity, virtualization and system management

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THE LENOVO® THINKSERVER® RD240 SPECIFICATIONS

DESCRIPTION	RD240

Processor	• Intel® Xeon® 5500 series
	  » Intel® Xeon® E5503
	  » Intel® Xeon® E5506
	  » Intel® Xeon® E5507
	
	• Intel® Xeon® 5600 series
	  » Intel® Xeon® E5603
	  » Intel® Xeon® E5606
	  » Intel® Xeon® E5607
	  » Intel® Xeon® E5645
	  » Intel® Xeon® E5649
	  » Intel® Xeon® X5672
	  » Intel® Xeon® X5675
	  » Intel® Xeon® E5620
	  » Intel® Xeon® E5630
	  » Intel® Xeon® E5640
	  » Intel® Xeon® X5650
	  » Intel® Xeon® X5660
	  » Intel® Xeon® X5667
	  » Intel® Xeon® X5670
	  » Intel® Xeon® L5609

Software	• Genuine Windows Server® 2008 Standard Edition R2 • Genuine Windows Server® 2008 Enterprise Edition R2 • Genuine Windows Server® Small Business Server 2008 Standard (SP2) • Genuine Windows Server® Small Business Server 2008 Premium (SP2) • Novell® SUSE® 11 • Red Hat® Enterprise Linux® 6 • VMWare® vSphere™ 4.0
Chipset	• Intel® 5500+ ICH10R
Form Factor	• 2P2U rack optimized
Memory	• 1333Mhz DDR3 Registered RDIMMs (ECC) • 8 slots (64GB Max)
I/O Slots	• 1 x PCIe x8 • 2 x PCIe x8 (x4 electric)
Ethernet	• Dual Integrated Gigabit Ethernet
Storage Bays	• 8 x 3.5" SAS/SATA hot swap
Optical Drives	• DVD-RW
RAID	• SAS/SATA 0/1/1E (chipset) • SAS/SATA 0/1/5/6/10/50/60 (HW)
I/O Ports	• 7 x USB 2.0 (2 front, 4 rear and 1 internal) • 1 x Serial port (rear) • 1 x VGA connector (rear)
Management	• Web Enabled, iBMC Standard • iKVM Management option • Remote Management option
Power	• 750W Redundant capable

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THE LENOVO® THINKSERVER® RD240 OPTIONS

PROCESSORS

**Intel® Xeon® Processors –
multi-threading and high performance**

67Y1466 Intel® Xeon® E5503 Processor Option Kit
67Y1467 Intel® Xeon® E5506 Processor Option Kit
67Y1476 Intel® Xeon® E5507 Processor Option Kit
67Y1475 Intel® Xeon® E5620 Processor Option Kit
67Y1471 Intel® Xeon® E5640 Processor Option Kit
67Y1473 Intel® Xeon® X5650 Processor Option Kit
0A89399 Intel® Xeon® E5603 Processor Option Kit
0A89400 Intel® Xeon® E5606 Processor Option Kit
0A89401 Intel® Xeon® E5607 Processor Option Kit
0A89402 Intel® Xeon® E5645 Processor Option Kit

HARD DISK DRIVES

**ThinkServer SAS and SATA Hard Disk Drives –
enterprise-class reliability**

67Y1478 ThinkServer 250GB 7.2K RPM 3.5" SATA Hard Drive
67Y1479 ThinkServer 500GB 7.2K RPM 3.5" SATA Hard Drive
67Y1480 ThinkServer 1TB 7.2K RPM 3.5" SATA Hard Drive
67Y2643 ThinkServer 2TB 7.2K RPM 3.5" SATA Hard Drive
ThinkServer SAS Hard Drives – performance
67Y1481 ThinkServer 300GB SAS 15K RPM Hard Drive
67Y1482 ThinkServer 450GB SAS 15K RPM Hard Drive
67Y2645 ThinkServer 600GB SAS 15K RPM 6Gbps Hard Drive

ETHERNET

**ThinkServer Networking Options –
high-performance Ethernet**

67Y1393 Lenovo PRO/1000 PT Dual Port Ethernet Adapter
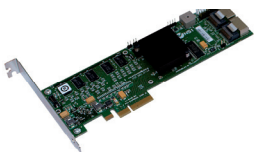
MEMORY

**ThinkServer DDR3 Memory –
high performance, low cost**

67Y1432 ThinkServer 2GB DDR3 – 1333MHz (2Rx8) ECC RDIMM
67Y1433 ThinkServer 4GB DDR3 – 1333MHz (2Rx4) ECC RDIMM
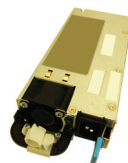67Y1464 ThinkServer 8GB DDR3 – 1333MHz (2Rx4) ECC RDIMM

RAID

**ThinkServer RAID Options –
increase data availability**

67Y1494 ThinkServer 8708ELP RAID Controller
67Y1495 ThinkServer 8708ELP RAID Battery
67Y2639 ThinkServer 8708EM2 RAID Adapter
67Y2640 ThinkServer 8708EM2 RAID Battery

POWER SUPPLY

**ThinkServer Power Options –
keep server up round-the-clock**

67Y1497 ThinkServer RD240 Redundant Power Supply

www.lenovo.com/thinkserver

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