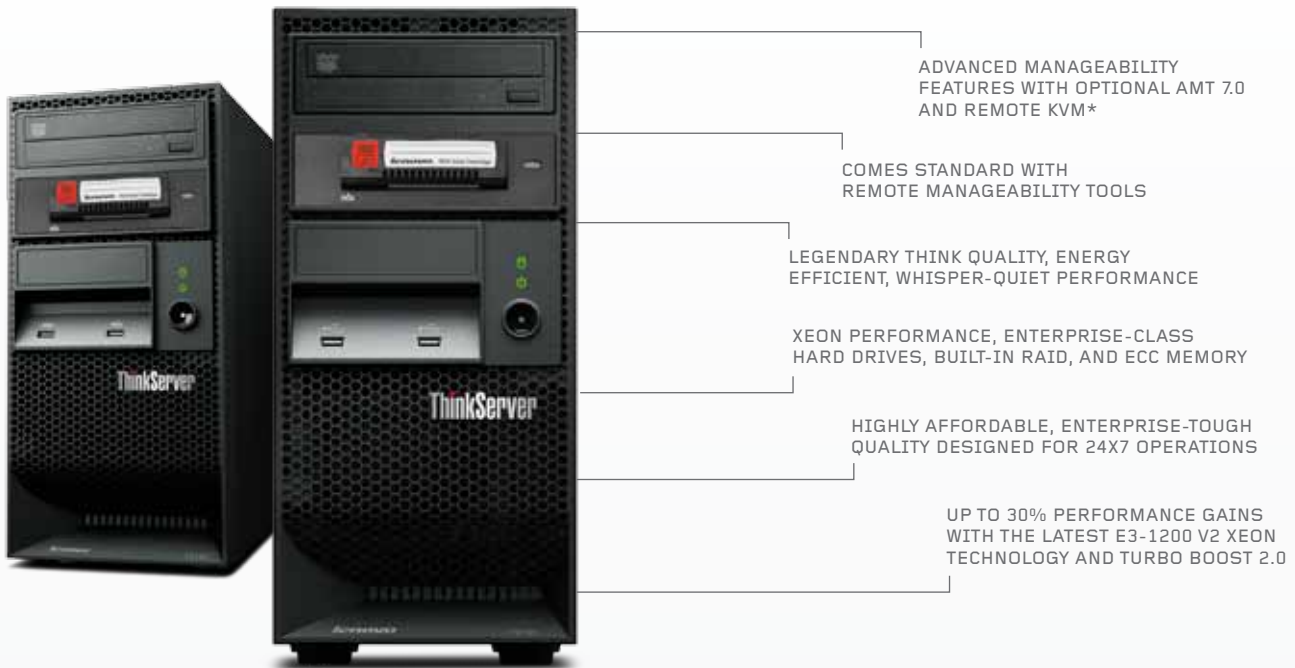


THE LENOVO® THINKSERVER® TS130 POWERFUL, RELIABLE AND UNMATCHED VALUE



IMPROVED FEATURES OF TS130

- FASTER PERFORMANCE WITH LATEST INTEL XEON E3-1200 V2 PROCESSORS
- GREATER SCALABILITY WITH NEW 3TB SATA CHOICES
- NEW, RETAIL-READY COMPONENT CHOICES LIKE PARALLEL PORTS, HIGH SPEED USB 3.0 AND SERIAL PORTS
- EXPANDED OPERATING SYSTEM SUPPORT WITH MICROSOFT MULTIPOINT SERVER

The ThinkServer® TS130 combines the latest Intel® Xeon performance, legendary Think quality and exclusive AMT® 7.0 manageability tools to deliver a powerful, manageable and highly affordable server solution for Managed Service Providers (MSPs), branch offices and small businesses.

Designed for 24x7 operations and loaded with true server-class features, the TS130 offers an attractive solution to small businesses. Its improved manageability tools eliminate the need for costly on-site IT staff. In addition, these built-in tools make it easier for MSPs to remotely and cost-effectively manage end-user environments.

An expansive options and services portfolio make it easy to customize the perfect TS130 for your needs. TS130 offers feature-rich performance in an Energy Star-qualified, whisper-quiet compact tower chassis – perfect for retail or front office applications.



POWERFUL, STABLE, AND SECURE

The ThinkServer® TS130 is a powerful, feature-rich yet affordable server, perfect for retail, branch office or front office use.

- **Lower operating costs** thanks to energy efficient performance and latest generation Intel® Xeon™ E3-1200 v2 processors. TS130 provides easy remote manageability, with onboard tools to remotely power on/off your servers.
- **Highly affordable**, yet enterprise-tough. TS130 pays you back with reliable, feature-rich server computing at a desktop price.
- **Maximize uptime** with true server-class features like ECC memory, enterprise-class hard drives, & built-in RAID.
- **Increase productivity** via improved Xeon performance with Turbo Boost 2.0 and powerful HD graphics performance.

INDUSTRY-LEADING GREEN ATTRIBUTES

The ThinkServer® TS130 delivers true server-class reliability, whisper-quiet performance and legendary Think quality and innovation.

- **Think heritage:** Successor to the popular TS200v, the innovative TS130 is perfect for 24x7 operations requiring peak dependability and server-class quality.
- **Enterprise-tough features** like ECC memory, built-in RAID and latest Xeon performance – great for small businesses that need to transition from a desktop to a true server.
- **No costly racks** or closets needed. Cool, compact and quiet, you can deploy the TS130 nearly anywhere in your business.

CUSTOMER SCENARIOS

The Server Solution for Managed Service Providers (MSPs)

The ThinkServer® TS130 combines high performance Xeon technology and legendary Think quality in a highly manageable single-socket server solution. Certified with popular MSP Managed Service Console ecosystem vendors like Level Platforms, Kaseya, and N-able, you can bet your business on ThinkServer TS130. With true server-class durability, RAID 0/1 support, and out-of-band management, the feature-rich TS130 offers an attractive solution to MSPs. Plus, the newest AMT 7.0 manageability toolsuite offers improved KVM features and new host provisioning tools allow MSPs to remotely and cost-effectively manage end- user environments.

TS130 servers are easy for MSPs to set up and manage, built to perform 24x7, They are highly configurable with a rich suite of Options and ROK kits. Plus, TS130 servers are readily available in channel inventory and are packaged in convenient TopSeller Configurations.

The Server Solution for Small and Medium Businesses

The TS130 delivers true server-class reliability with latest Xeon performance, enterprise-class hard drives, RAID 0/1 support and ECC memory. For businesses moving up from a desktop to a first server, the TS130 provides a highly affordable yet powerful enterprise-tough server with energy efficient features to lower your operating costs. Designed for 24x7 performance and robust data integrity, TS130 lets you concentrate on growing your business – not managing IT. Renowned Think quality provides peace of mind.

POWERFUL INTEL® AMT® MANAGEABILITY

The ThinkServer TS130 provides a rich experience with ease of installation and management.

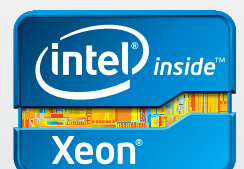
- **Remote management with Intel® AMT™** (select models) provides out-of-band remote access and management, independent of the status of the managed server.
- **Broad MSP ecosystem support** on leading platforms like N-Able, Kaseya and Level Platforms.
- **Easy to use** with an intuitive, secure web console for "point-&-click" management. No installation required – works right out of the box.
- **Whisper-quiet performance**, great for retail, branch office or front-office use.

The Server Solution for Corporate Branch Offices

TS130 features legendary Think quality with powerful remote manageability tools with AMT 7.0 for easy, efficient server maintenance. TS130 is perfect for branch offices or remote deployments with little or no IT staff. The TS130 can be easily monitored and managed from the headquarters offices. Whisper-quiet yet powerful, there is no need for a costly datacenter or rack closet – you can deploy the TS130 nearly anywhere in your business.

The Server Solution for Retail and Point-of-Sale Deployments

Your retail transactions are paramount to your business -- every transaction matters. Uptime isn't negotiable and transaction processing must be rapid, reliable and predictable. And, you need all these features in a solution that won't break your budget. Consider theThinkServer TS130 -- it's ideal for demanding retail and point-of-sale deployments. The TS130 offers an impressive suite of I/O choices like modem ports, high speed USB 3.0 and parallel ports. And, for exceptional ethernet expansion, consider the dual port ethernet adapter. Built on reliable Intel technology, it meets your bandwidth needs to handle traffic. Designed with Think-tough attributes the TS130 offers the durability and reliability you demand in retail deployments, at prices friendly on your budget. Yet, TS130 is more than simply rich I/O in a compact tower server. It delivers dynamite performance with the latest generation Intel Xeon E3-1200 v2 processors, and offers great SATA capacity. Combining all these choices in a platform starting at \$499, and TS130 represents a compelling choice for retail deployments.



OPTIONS AND ACCESSORIES

ThinkServer DDR3 ECC Memory

High performance ThinkServer ECC memory takes full advantage of Intel's technology while delivering true server-class 99.94% reliability.



P/N	
67Y2606	ThinkServer 2GB DDR3-1333MHz (1RX8 ECC UDIMM)
67Y2607	ThinkServer 4GB DDR3-1333MHz (2RX8 ECC UDIMM)
0A89461	ThinkServer 8GB DDR3-1333MHz (2RX8 ECC UDIMM)

Enterprise-class Hard Drives

High performance, high capacity yet low cost. Expand your ThinkServer TS130 with up to 4TB of storage.



P/N	
	ThinkServer 500GB 7.2K 3.5" Enterprise 6Gbps SATA Hard Drive - 0A89470
	ThinkServer 1TB 7.2K 3.5" Enterprise 6Gbps SATA Hard Drive - 0A89471
	ThinkServer 2TB 7.2K 3.5" Enterprise 6Gbps SATA Hard Drive - 0A89472
	ThinkServer 3TB 7.2K 3.5" Enterprise 6Gbps SATA Hard Drive - 0A89478



Lenovo Gigabit ET Dual Port Server Adapter by Intel - 0A89423

High-Performing ,10/100/1000 Ethernet Connection
 Reliable and proven Gigabit Ethernet technology from Intel Corporation

Microsoft Software Options choices

Complete your ThinkServer solution with tested, proven server OS solutions from Microsoft.

Software Options - ROK Kits	P/N
Microsoft Windows Server 2008 R2 SP1 Enterprise Edition. Includes 25 CALs Multi language Eng/Fr/Ger/Ita/Spa - -----	84978PF
Microsoft Windows Server 2008 R2 SP1 Standard Edition. Includes 5 CALs Multi language Eng/Fr/Ger/Ita/Spa -----	849780F
Microsoft Windows Server 2008 R2 SP1 Foundations Edition. Includes 15 CALs Multi language Eng/Fr/Ger/Ita/Spa. -----	84978HF
Microsoft Windows Server 2008 CAL 1 user CAL AG Bundle ---	849781A
Microsoft Windows Server 2008 CAL 5 user CAL AG Bundle ---	849785A
Microsoft Windows Server 2008 CAL 1 user CAL EMEA Bundle -	849781G
Microsoft Windows Server 2008 CAL 5 user CAL EMEA Bundle -	849785G

Software Options - ROK Kits	P/N
Microsoft Windows Small Business Server 2011 Microsoft Windows Small Business Server 2011 Essentials Edition. Includes 25 CALs English -----	84971EE
Microsoft Windows Small Business Server 2011 Essentials Edition. Includes 25 CALs French -----	84971EF
Microsoft Windows Small Business Server 2011 Standard Edition Includes 5 CALs English -----	84971SE
Microsoft Windows Small Business Server 2011 Standard Edition Includes 5 CALs French -----	84971SF
Microsoft Windows Small Business Server Premium Add On 2011 Edition Includes 5 CALs English -----	84971PE
Microsoft Windows Small Business Server Premium Add On 2011 Edition Includes 5 CALs French -----	84971PF
Microsoft Windows Small Business Server Standard 2011 CAL, 5 User AG Bundle -----	849711G
Microsoft Windows Small Business Server Standard 2011 CAL, 5 User EMEA Bundle -----	849711J
Microsoft Windows Small Business Server Premium Add-On 2011 CAL, 5 user - AG Bundle -----	849711K
Microsoft Windows Small Business Server Premium Add-On 2011 CAL, 5 user EMEA Bundle -----	849711M

ThinkServer Services and Warranty Upgrades

Lenovo Services let you get the most out of your ThinkServer – no matter how you use it. Whether you have a thousand client seats or just one, Lenovo delivers the quality, reliability and peace of mind to get you and keep you up and running, no matter where you are, no matter when you need.

Training classes

- > The basics on components, diagnostics, troubleshooting, and managing
 Lenovo servers, delivered in interactive online format
 Online Training, Understanding Lenovo Servers ----- 45K4080
- Online Training, Understanding Systems Management -45K4081
- Installation, ThinkServer Hardware Only ----- 45K4082

Service upgrade options

- > LOR = Lenovo Onsite Repair
- TS130 with 1-year warranty**
- 3-year LOR 9x5 Next Business Day ----- 45K4055
- 4-year LOR 9x5 Next Business Day ----- 51J0723
- 5-year LOR 9x5 Next Business Day ----- 51J0725
- TS130 with 3-year warranty**
- 4-year LOR 9x5 Next Business Day ----- 51J0727
- 5-year LOR 9x5 Next Business Day ----- 51J0729

Priority Technical Support

- > 9x5 Next Business Day response Lenovo Onsite Repair
- > 24x7 support with priority routing and advanced level technicians

TS130 with 3-year warranty

- 3-year Priority Support ----- 45K4060

Priority Technical Support with Keep Your Drive

- > 9x5 Next Business Day response Lenovo Onsite Repair
- > 24x7 support with priority routing and advanced level technicians
- > Keep Your Drive (KYD) means customer keeps disk

TS130 with 3-year warranty

- Priority Technical Support with KYD ----- 45K5443

Productivity

- > Priority Technical Support
- > Online Training, Understanding Lenovo Servers
- > One-time hardware installation
- 3-year Productivity, TS430 (3-year) ----- 45K4086

Optional 4-hour service response available via special bid in select regions. Contact your Lenovo sales representative for details.

SPECIFICATIONS

SOFTWARE	PROCESSOR	CHIPSET
Windows Server 2008 R2 (Enterprise, Foundations, Standard Edition) Windows Small Business Server 2011 (Essentials, Standard, Premium Add-On)	Intel® Xeon™ E3-1200 v2 series series with integrated graphics, Core i3 Series, Pentium, and Celeron CPU's	Intel® C206 Series TPM 1.2 encryption
FORM FACTOR	MEMORY	ETHERNET
4U / 25 L Tower can be rack mounted via shelf (sold separately)	Up to 32GB @ 4x 8GB ECC UDIMMs 4 memory DIMM slots	Integrated Gigabit Ethernet port (shared with AMT) Optional dual port gigabit ethernet adapter
STORAGE	DIMENSIONS	WEIGHT
2x 3.5" HDD Bays – up to 12TB internal SATA storage RAID 0/1 support with 2 nd HDD installed	174.8mm (W) x 425.2mm (H) x 430.8mm (D)	Max 11.2kg
I/O SLOTS	I/O PORTS	STORAGE CONTROLLERS
1 x PCIe x16 2nd generation 1 x PCIe x1 2nd generation 2 x 5V 32-bit/33 MHz PCI Optional Parallel port via PCI card Optional Modem via PCI card Optional USB 3.0 port PCI card	USB 2.0 ports – 6 rear, 2 front, 1 internal (2x5 pin header for optional RDX tape) Serial port (one rear) Video (one rear) Display port (one rear) Audio (3-in-1 rear)	Onboard PCH Controller w/: 2x 6Gb/s SATA III ports 2x 3Gb/s SATA II ports Integrated SATA SW RAID 0/1
MEDIA DRIVES	MANAGEMENT	POWER
Up to two 5.25" half-height external bays Optional RDX internal USB backup	Intel Advanced Management Technology (AMT) 7.0 with remote KVM (Xeon processors only), Intel Standard Manageability (Pentium and Core i3 processor choices)	280W 85% (80Plus Bronze certification)



MORE ENERGY EFFICIENT



New, more powerful Xeon technology with Turbo Boost 2.0 delivers Hyper-Threading performance when you need it – and dynamically adjusts core utilization for power-sipping efficiency.



Features ENERGY STAR® Server 1.0 models. Estimated energy cost savings of hundreds of dollars per year**



Features over 50% recycled plastics, with over half of that coming from post-consumer content.



Climate Savers-certified, with an high efficiency 85% power supply.

MORE TOOLS FOR MSPs

Certified ecosystem support and seamless integration with leading MSP console applications like N-able, Kaseya and Level Platforms.

Cost-effective and powerful KVM remote manageability tools via AMT 7.0. Improved KVM now with compatible with quad core processors!

AMT 7.0 offers two deployment modes to service admin clients (such as a kiosk) or actively used clients (such as notebooks or desktops)

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Availability: Offers, prices, specifications and availability may change without notice. Lenovo is not responsible for photographic or typographic errors. **Warranty:** For a copy of applicable warranties, write to: Warranty Information, 500 Park Offices Drive, RTP, NC, 27709, Attn: Dept. ZPYA/B600. Lenovo makes no representation or warranty regarding third-party products or services. **Trademarks:** Lenovo, the Lenovo logo, Rescue and Recovery, ThinkStation, ThinkVantage, and ThinkVision are trademarks or registered trademarks of Lenovo. Microsoft, Windows, and Vista are registered trademarks of Microsoft Corporation. Intel, the Intel logo, Intel Core, Core Inside, Xeon and Xeon Inside are registered trademarks of Intel Corporation in the U.S. and other countries. Other company, product, and service names may be trademarks or service marks of others. Visit www.lenovo.com/safecomputing periodically for the latest information on safe and effective computing.

Notes: *AMT 7.0 available on select models. **Compared to older generation single socket tower servers. ThinkServer models shown include optional Lenovo RDX Internal USB backup (sold separately).

