The ThinkServer TS140 combines latest Intel® Xeon® E3-1200 v3 performance, legendary Think quality and easy-to-use software tools to deliver an enterprise-grade, highly affordable server solution for managed service providers (MSPs), branch offices and small businesses.

Combining true server reliability and great expansion capacity, the TS140 offers an attractive solution to small businesses, education or state/local government deployments. Plus, its Intel® AMT™ remote manageability tools and broad MSP ecosystem support allow MSPs to remotely and cost effectively manage end-user networks.

A comprehensive options, services and NAS storage portfolio make it easy to customize the perfect TS140 for your needs. TS140 offers true server reliability in an ENERGY STAR-certified, whisper-quiet tower – perfect for retail, back office or distributed deployments.

* Intel® AMT™ KVM feature supported only with Xeon™ models with integrated graphics.
THE LENOVO® THINKSERVER® TS140

POWERFUL, STABLE, AND SECURE

The ThinkServer TS140 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 v3 processors. TS140 provides easy remote manageability, with onboard tools to remotely power on/off your servers.
- **Highly affordable**, yet enterprise-tough. TS140 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, and built-in RAID.
- **Increase productivity** via improved Xeon® performance with Turbo Boost 2.0 and powerful HD graphics performance.

POWERFUL INTEL® AMT® MANAGEABILITY

The ThinkServer TS140 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-and-click” management. No installation required – works right out of the box.

SPECIFICATIONS

**CHIPSET**
Intel® C226 Series
TPM 1.2 encryption

**STORAGE**
Up to 16TB (3.5" SATA)
Up to 4TB (2.5" SATA)
Up to 1.9TB (SSD). Requires 3.5"-to-2.5" conversion tray

**ETHERNET**
Integrated Gigabit Ethernet port (shared with AMT™)

**EXPANSION**
Slot 1: x16 Gen3 PCIe
Slot 2: x1 Gen2 PCIe
Slot 3: x16 Gen2 PCIe (x4 signal)
Slot 4: PCI

**FORM FACTOR**
4U / 25 L Tower

**DIMENSIONS**
175 mm x 431 mm x 375 mm
(6.88" x 16.96" x 14.76")

**WEIGHT**
Max. 13 kg (28.66 lbs)

**PROCESSOR**
Intel® Xeon® E3-1200 v3 series with integrated graphics, Core™ i3 Series, Pentium CPU’s

**STORAGE CONTROLLER**
onboard 6GB SATA RAID 0/1/10/5 with Intel® RSTe

**POWER**
1 x fixed power supply
280W fixed PSU 95% 80 PLUS Bronze
450W fixed PSU 92% 80 PLUS Platinum

**MEMORY**
4 x 1600 MHz ECC UDIMM (32GB max)

**MANAGEMENT**
Intel® Advanced Management Technology 9.0 with remote KVM® (Xeon® models)
Intel® Standard Manageability tools (Pentium® and Core™ i3 models)

**SOFTWARE**
Integrated KVM feature supported only with Xeon™ models with integrated graphics

**IDEAL DEPLOYMENTS**

CLEVER MANAGEABILITY FOR MANAGED SERVICE PROVIDERS (MSPs)

The ThinkServer® TS140 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 TS140. With true server-class durability, RAID 0/1 support and out-of-band management, the feature-rich TS140 offers an attractive solution to MSPs. Plus, the newest AMT™ 9.0 manageability tool suite offers improved KVM features and host provisioning tools. These allow MSPs to remotely and cost-effectively manage end-user environments. TS140 servers are easy for MSPs to set up and manage and are built to perform 24x7 – they’re the perfect choice for small office deployments.

PERFECT FOR DISTRIBUTED ENVIRONMENTS

TS140 features legendary Think quality with powerful remote manageability tools with AMT™ 9.0 for easy, efficient server maintenance. TS140 is perfect for branch offices or remote deployments with little or no IT staff. The TS140 can be easily monitored and managed from the headquarters offices.

RETAIL-READY

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 the ThinkServer TS140 – it’s ideal for demanding retail and point-of-sale deployments. The TS140 offers an impressive suite of retail-centric I/O choices like modular ports, high speed USB 3.0 and parallel ports. And, for exceptional ethernet expansion, consider the dual port network adapter. Built on reliable Intel® technology, it meets your bandwidth needs to handle traffic. Designed with Think-tough attributes, the TS140 offers the durability and reliability you demand in retail deployments, at prices friendly on your budget. Yet, TS140 is more than simply rich I/O in a compact tower server. It delivers dynamite performance with the latest generation Intel® Xeon® E3-1200 v3 processors, and offers great SATA capacity. Combining all these choices in a platform starting at $421, and TS140 represents a compelling choice for retail deployments.

A TERRIFIC FIRST SERVER SOLUTION

The ThinkServer TS140 delivers true server-class reliability with latest Xeon® performance, enterprise-class hard drives, RAID 0/1/10/5 support and ECC memory. For businesses moving up from a desktop to a first server, the TS140 provides a highly affordable yet enterprise-tough server with energy efficient features to lower your operating costs. Designed for 24x7 performance and robust data integrity, TS140 lets you concentrate on growing your business – not managing IT. Its renowned Think quality provides peace of mind.
LENOVO NAS STORAGE CHOICES

LENOVO® EMC® PX4-300D

Business-class desktop network storage, for SMBs and remote or branch offices

Powered by enterprise-class LenovoEMC™ technology, the Lenovo EMC px4-300d Network Storage packs high performance storage and protection into a small, quiet chassis for office data protection and backup, with cloud convenient local and remote file sharing. With many business features, like iSCSI block access, configurable RAID, snapshots, deduplication and embedded cloud capabilities like LenovoEMC™ Personal Cloud technology and Atmos® Cloud Connector, the Lenovo EMC px4 is ideal for small-to-medium-sized businesses and distributed enterprise locations like branch and remote offices who need to store, share and protect their critical data. With up to 16TB of storage, the px4 offers a diskless configuration, so your storage can grow as your business grows.

ACCESSORIES FOR THINKSERVER® TS140

MEMORY AND HARD DRIVES

- ThinkServer 2GB DDR3L-1600 MHz (1Rx8) ECC UDIMM
- ThinkServer 4GB DDR3L-1600 MHz (1Rx8) ECC UDIMM
- ThinkServer 8GB DDR3L-1600 MHz (2Rx8) ECC UDIMM
- ThinkServer 3.5" 500GB 7.2K Enterprise SATA 6Gbps Hard Drive
- ThinkServer 3.5" 1TB 7.2K Enterprise SATA 6Gbps Hard Drive
- ThinkServer 3.5" 2TB 7.2K Enterprise SATA 6Gbps Hard Drive
- ThinkServer 3.5" 4TB 7.2K Enterprise SATA 6Gbps Hard Drive
- ThinkServer 3.5" 5TB 7.2K Enterprise SATA 6Gbps Hard Drive
- ThinkServer 3.5" 8TB 7.2K Enterprise SATA 6Gbps Hard Drive
- ThinkServer 3.5" 10TB 7.2K Enterprise SATA 6Gbps Hard Drive
- ThinkServer 3.5" 12TB 7.2K Enterprise SATA 6Gbps Hard Drive

ETHERNET AND I/O EXPANSION

- ThinkServer Single Parallel Port PCI Adapter
- ThinkServer Single Serial Port PCI Adapter
- ThinkServer Single Serial Port PCI Adapter
- ThinkServer Single Serial Port PCI Adapter
- ThinkServer Single Serial Port PCI Adapter
- ThinkServer Single Serial Port PCI Adapter

MICROSOFT® WINDOWS® SERVER® 2012 CHOICES

Reseller Options Kits (ROKs)

- Microsoft® Windows® 2012 Standard ROK – MUI – English/French/German/Italian/Spanish
- Microsoft® Windows® 2012 Essentials ROK – MUI – English/French/German/Italian/Spanish
- Microsoft® Windows® 2012 Foundations ROK – MUI – English/French/German/Italian/Spanish
- Microsoft® Windows® 2012 Datacenter ROK – MUI – English/French/German/Italian/Spanish

Client Access Licenses (CALs)

- Microsoft® Windows® Server® 2012 Client Access License (1 User)
- Microsoft® Windows® Server® 2012 Client Access License (5 Users)
- Microsoft® Windows® Server® 2012 Client Access License (10 Users)
- Microsoft® Windows® Server® 2012 Client Access License (10 Users)
- Microsoft® Windows® Server® 2012 Client Access License (50 Users)
- Microsoft® Windows® Server® 2012 Client Access License (100 Users)
- Microsoft® Windows® Server® 2012 Remote Desktop Services Client Access License (1 User)
- Microsoft® Windows® Server® 2012 Remote Desktop Services Client Access License (5 Users)
- Microsoft® Windows® Server® 2012 Remote Desktop Services Client Access License (10 Users)
- Microsoft® Windows® Server® 2012 Remote Desktop Services Client Access License (10 Users)

Microsoft® Windows® Server® 2012 Client Access Licenses (CALs)

- Part No.
- OC19601
- OC19602
- OC19603
- OC19604
- OC19605
- OC19606
- OC19607
- OC19608
- OC19609
- OC19610
- OC19611
- OC19612
**MICROSOFT® WINDOWS® SERVER® 2008 CHOICES**

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<td>Windows® 2008 R2 SP1 Enterprise ROK 64bit – MUI – English/French/German/Italian/Spanish – 5 CALs</td>
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<td>Windows® 2008 R2 SP1 Standard ROK 64bit – MUI – English/Japanese – w 5 CALs</td>
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**MICROSOFT® SMALL BUSINESS SERVER**

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<td>849711X</td>
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<td>849711M</td>
<td>Windows® SBS 2011 Premium Add On CAL, 5 user CAL EMEA Bundle</td>
</tr>
</tbody>
</table>

**SERVICES OFFERINGS**

Lenovo® Services lets 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 keep you up and running, no matter where you are, no matter when you need it.

Lenovo ThinkServer Services are offered in a variety of service levels to meet the needs of your business as well as your budget. You can extend your base warranty for up to five years, and choose the service level you value most: onsite next day, same day, or around the clock within four hour service windows up to 365 days a year. We also offer an optional Keep Your Drive option that your data never needs to leave your premises, as well as a Priority Support call center upgrade offering.

**Bundled ThinkServer Services Offerings**

Lenovo offers convenient services bundles to allow you to choose the combination of services that’s right for you with a single part number and price. Here are a few of our most popular offerings:

- **TS Series ThinkServer with 1-year base warranty**
  - 1-year Onsite 9x5 4 Hour Response + Priority (TS Series) - 5WS0E76444
  - 3-year Onsite 9x5 4 Hour Response + Priority + Keep Your Drive (TS Series) - 5PS0E76502

- **TS Series ThinkServer with 3-year base warranty**
  - 3-year Onsite 9x5 4 Hour Response + Priority + Keep Your Drive (TS Series) - 5PS0E76502

Data security is more important than ever, and Lenovo offers our popular Keep Your Drive Service so that your data never needs to leave your hands. In the unlikely event of a hard drive failure requiring a hard drive replacement, you can keep your original drive, ensuring that your data stays in your control. Add this service to your base warranty, or choose a services bundle which meets your business needs.

**Lenovo ThinkServer Keep Your Drive**

Keep Your Drive lets you replace your failed hard drive with your original drive. This ensures your original data is accessible with no hard drive replacement charges. Keep Your Drive is available in 1-, 3-, and 5-year response times.

**Lenovo ThinkServer Priority Support**

Priority Support offers priority service for your ThinkServer, allowing you to get advanced call center support. Lenovo nears you up and running, no matter where you are, no matter when you need it.

For a copy of Lenovo’s worldwide telephone numbers guide, visit Lenovo at Lenovo.com/safecomputing periodically for the latest information on safe and effective computing.