Lenovo ThinkServer TS460

#1 SMB/branch server—powerful, flexible, affordable

Enterprise Quality and Manageability

Enterprise-quality features include an IPMI 2.0-compliant ThinkServer Management Module (TMM), WebUI support, Lenovo XClarity software for easy centralized management, and a dedicated Ethernet port for systems management.

Availability and security options include hot-swap drives; 6Gb and 12Gb hardware RAID; hot-swap/redundant power; ECC memory; multiple 1Gb/10Gb Ethernet adapters with failover support; internal LTO tape, RDX cartridges, and rewritable DVDs for backup; and an optional TPM module.

Remote Office/Branch Office Use

The TS460 is optimized for remote office/branch office (ROBO) use. Its office-quiet acoustics and compact size (suitable for deskside or under-desk deployment) are perfect for an office environment, and the combination of energy-efficient processors, 1.2V DDR4 memory, and 80 PLUS Gold (up to 92 percent efficient) power supplies saves you money and helps the environment.

Why Lenovo

Lenovo is the leading provider of x86 systems for the data center. The portfolio includes rack, tower, blade, dense and converged systems, and supports enterprise class performance, reliability and security. Lenovo also offers a full range of networking, storage, software and solutions, and comprehensive services supporting business needs throughout the IT lifecycle.

Flexible and Scalable

The Lenovo ThinkServer TS460 offers flexibility in configuration: a choice of processors, including enterprise-class Intel® Xeon® E3-1200 Processor v6 series, as well as Core® i3 and Pentium® processors. Up to 64GB of ECC 2400MHz TruDDR4 UDIMM memory capacity enables you to run larger workloads, complete them faster, and virtualize for more efficient server usage.

Storage options include combinations of 5.25-inch optical/tape drives, 3.5-inch HDDs, and 2.5-inch HDDs/SSDs, plus support for an M.2 SSD. The 80TB of hot-swap SAS/SATA storage capacity is the industry's largest for an entry tower server. The TS460 is ideal for storage-intense workloads and supports all major server operating systems for complete flexibility.

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Specifications

Form Factor	Single-socket mainstream 4U Tower
Processor	Intel® Xeon® Processor E3-1200 v6 Series; Core® i3 and Pentium®; up to 8MB cache maximum
Memory (Max)	Up to 64GB TruDDR4 (4x 16GB UDIMMs); 2400MHz ECC DIMMs
Expansion Slots	4x PCIe 3.0 slots: x4/x4, x16/x16 (x8 when slot 4 is used), x1/x1, x8/x8
Storage Bays	2x external fixed 5.25-inch bays: ODD/Tape (with kit); 4x fixed (non-hot-swap) 3.5-inch or 4/8 hot-swap 3.5-inch; 8/16 hot-swap 2.5-inch; 4x 3.5-inch + 8x 2.5-inch bays; 1x M.2 socket
Maximum Internal Storage	80TB 3.5-inch 7,200rpm hot-swap SAS/SATA HDDs; 28.8TB 2.5-inch 10,000rpm hot-swap SAS HDDs; 15.36TB SATA SSDs; plus 128GB M.2 SATA SSD
RAID Support	ThinkServer RAID 121i software RAID; optional hardware PCIe RAID: ThinkServer RAID 520i 12Gb, ThinkServer RAID 720i 12Gb (optional cache and BBU), LSI 9300-8e 12Gb SAS (JBOD)
Network Interface	2x on-board 1Gb Ethernet standard; 2 optional 2/4-port 1Gb and 1/2-port 10Gb Ethernet adapters
Power Supply (Std/Max)	1/1; 300W 80 PLUS Bronze (non-hot-swap); 1/2 450W 80 PLUS Gold (hot-swap/redundant)
Hot-Swap Components	HDDs (with RAID), PSUs
Ports	6x USB 3.0 (2x front; 4x rear), 2x RJ45 Ethernet, 1x dedicated management port, 1x serial (COM); 1x VGA
Systems Management	Lenovo XClarity; ThinkServer TMM (IPMI 2.0)
Security	Optional security bezel with intrusion detection; optional TPM 1.2 & 2.0; TCM
Operating Systems Supported	Microsoft Windows Server & Hypervisor 2012R2 and 2016, Microsoft Windows Storage 2012R2 and 2016, Client OS Windows 10 supported, VMware Vsphere (ESXi), Red Hat Enterprise Linux Server, SUSE
Limited Warranty	1-3 year, next business day
Dimensions (W x H x D) & Weight	– 173mm/6.81 inches (W) x 443.5mm/17.46 inches (H) x 582.65mm/22.94 inches (D) with foot and security door – 173mm/6.81 inches (W) x 430.5mm/16.96 inches (H) x 558mm/21.97 inches (D) without foot and security door – Minimum weight15kg/33.07 lbs

Options

8GB DDR4-2400MHz (2Rx8) ECC UDIMM	ThinkServer 2TB 7,200rpm 3.5-inch Enterprise 12Gb SAS hot-swap HDD	I350-T4 PCIe 1Gb 4-Port Base-T Ethernet Adapter by Intel
4X70G88333	4XB0K12278	4XC0F28731
Latest UDIMM technology; DDR4 is better than DDR3 in performance and performance per watt.	Low-cost/GB, storage density, enterprise reliability, and hot-swap for greater uptime	Provides four enterprise-quality 1Gb Ethernet ports to ensure network stability

For More Information

To learn more about the ThinkServer TS460, contact your Lenovo representative or Business Partner or visit:
lenovo.com/systems/servers

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