Lenovo ThinkServer TS150

Ideal first server: powerful, flexible, affordable

Powerful, Yet Affordable

The Lenovo ThinkServer TS150 is the perfect first server for small and medium businesses, remote or branch offices, and retail environments. It uses the latest technologies to provide enterprise-class power. Intel® Xeon® E3-1200 v5 Series processors incorporate up to four cores, integrated graphics, and support for 64GB of 2133MHz DDR4 memory. These features enable you to run larger workloads up to 20% faster than before, and even virtual machines (VMs) for more efficient server usage. Intel Active Management Technology (AMT) built into the TS150 offers easy-to-use, industry-standard management tools for remote monitoring, updates, and repairs. The TS150 provides much higher performance than a premium desktop can offer for about the same price.

Flexible Value

In addition to powerful Intel® Xeon® E3 processors, the TS150 offers a choice of Core® i3, Pentium®, and Celeron® processors for those on a smaller budget. Flexible storage options include 5.25-inch optical/tape drives, 3.5-inch HDDs, and 2.5-inch HDDs/SSDs. Up to 24TB of internal enterprise-class storage supports storage-intense workloads—such as office applications, web, e-mail and file/print serving—and provides growth capacity. Integrated software RAID 0/1/10/5—upgradable to entry hardware RAID—and Error Correcting Code (ECC) memory offer increased uptime. Multiple server operating systems are supported; client OS support enables retail/Point of Sale applications.

Environment-Friendly

The TS150 saves you money and helps the environment with energy-efficient processors and 1.2V DDR4 memory, 80 PLUS Bronze (up to 85% efficient) or Platinum (92%) power supplies, and 65% recyclable materials. The office-friendly chassis is small (25L/4U), whisper-quiet (26dB) and fits under or beside a desk.

Why Lenovo

Lenovo is a $46 billion global Fortune 500 company and a leader in providing innovative consumer, commercial, and enterprise technology. Lenovo enterprise systems deliver industry-leading performance, reliability, and security in virtualized and cloud environments for analytics, database, virtual desktop, infrastructure, and web workloads. Lenovo also offers simplified and extensible systems management tools so you can manage your infrastructure on your own terms. Consistently ranked #1 in reliability and customer satisfaction, the Lenovo enterprise server, storage, and networking portfolio provides the hardware for businesses that never stand still.

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Specifications

Form Factor/Height	25L
Processor (Max) **Cache** (Max)	One Intel® Xeon® Processor E3-1200 v5 Series; Core® i3, Pentium® and Celeron® up to 8MB
Memory (Max)	Up to 64GB DDR4 (4 x 16GB UDIMMs); 2133MHz ECC
Expansion Slots	1 PCIe 3.0 x16/x16; 1 PCIe 3.0 x16/x4; 1 PCIe 3.0 x1 slot (Open End); 1 PCIe 3.0 x1 slot
Drive Bays (Total/Hot-Swap)	Up to 4 fixed 3.5-inch or 5 fixed 2.5-inch
Maximum Internal Storage	Up to 24TB 3.5-inch SATA HDD storage
Network Interface	Up to 9 ports: 1 Gbps Ethernet std; 2 opt. 2-port or 4-port 1Gb Ethernet adapters
Power Supply (Std/Max)	1/1; 250W 80 PLUS Bronze; 400W 80 PLUS Platinum
RAID Support	ThinkServer RAID 121i SW RAID 0/1/10/5 std; opt. PCIe ThinkServer RAID 520i 12Gb HW RAID 0/1/10/5
Ports	8 USB 3.0 (2 front; 6 rear), 1 RJ-45 Ethernet, 1 serial (COM); 1 VGA (plus 1 DP), 3 audio (mic/lineout/line in)
Operating Systems Supported	Client (Microsoft Windows 10) or server (Windows Server 2012, Windows Server 2012 R2, Red Hat Enterprise Linux, SUSE Linux 11/12, Windows 10; Canonical Ubuntu 14.04; VMware vSphere 2015
Dimensions (W x H x D) **& Weight**	174.75mm (W) x 374.90mm (H) x 430.78mm (D)/6.88 inches (W) x 14.76 inches (H) x 16.96 inches (D); starting at 28kg/61.8lbs

Options

8GB DDR4-2133MHz ECC UDIMM	TS150 3.5-inch 2TB 7,200rpm Enterprise SATA 6Gbps HDD	I350-T2 PCIe 1Gb 2 Port Base-T Ethernet Adapter by Intel
4X70G88316	4XB0G88764	4XC0F28730
Latest UDIMM technology; DDR4 beats DDR3 in performance	Low cost/GB, storage density, and enterprise reliability	Two enterprise-quality 1Gb Ethernet ports for network stability

For More Information

To learn more about the Lenovo ThinkServer TS150,
contact your Lenovo representative or Business Partner or
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