Lenovo ThinkSystem ST250 V3

Enterprise server power for your growing business



High Performance, High Value

The Lenovo ThinkSystem ST250 V3 tower server with a single Intel® Xeon® 6300-series/E-2400 processor and the ability to be installed in-rack or as a standalone server, it is optimized for growing businesses and remote applications. The ST250 V3 expands enterprise level compute for edge applications with the latest technology including Intel® Xeon® 6300-series/E-2400, DDR5 memory, and PCIe Gen5.

With support for up to 4x PCIe including one GPU the ST250 V3 has high-definition video output and accelerates complex workloads in remote installations like branch offices.

The ThinkSystem ST250 V3 also supports several workloads for business applications and is ideal for managing IT Infrastructure, and Edge Computing.

Flexible for Growth

The needs of growing businesses rapidly expand and change as they build momentum. The ThinkSystem ST250 V3 supports up to 4x PCIe slots, with one PCIe Gen5, and multiple storage types ranging from midsize to large capacity. With 8x 3.5” or 16x 2.5” HDD bays and up to 4x PCIe slots, the ST250 V3 is designed with the flexibility to manage the ever-expanding data that comes with growth.

The ST250 V3 can also be installed in a rack or as a standalone server making it ideal for managing business applications at the edge.

Remote Management made Easy

The Lenovo ThinkSystem ST250 V3 powered by the Intel® Xeon® 6300-series/E-2400 processor and XClarity system management, provides high performance while being easily managed. XClarity system management offers fast deployment and centralized management reducing the amount of onsite IT support required for operation. It can also be easily integrated into an existing network with other ThinkSystem servers.

The ThinkSystem ST250 V3 can be installed remotely while being centrally managed with XClarity, requiring only minimal onsite IT resources.

Secure and Reliable

The highly reliable ThinkSystem ST250 V3 is a part of Lenovo’s x86 platform named #1 in reliability for 9 years in a row by ITIC. Boasting between 5 and 6 nines of reliability, customers can trust the ST250 V3 to always support their business applications.

Lenovo provides security throughout the entire lifecycle of the ST250 V3. Security starts at design with physical security features. Follows the server through the secure supply chain with hardware and firmware Root of Trust for secure deployment. ThinkShield and Intel provide data security features for secure operations of the server. At the end of the lifecycle, Lenovo offers Asset Recovery Services for secure disposal options.

Specifications

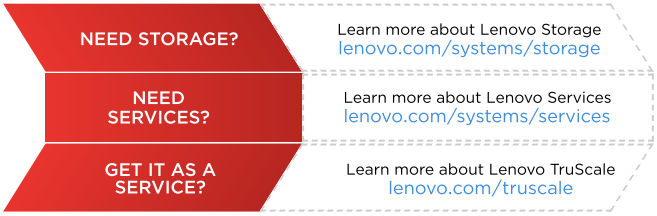
Form Factor	4U chassis: Height: 430mm (16.9 inches), width: 175mm (6.9 inches), depth: 566mm (22.3 inches). Optional conversion to a rack-mount chassis
Processor	1x Intel® Xeon® 6300-series/E-2400 processor with up to 8 cores at 95W
Memory	Up to 128GB in 4x DIMM slots using 32GB UDIMMs 5600MHz TruDDR5
Drive Bay Combinations	4 or 8x 3.5” simple-swap SATA/SAS HDD (Up to 2x NVMe SSDs) 4 or 8x 3.5” hot-swap SATA/SAS HDD 8 or 16x 2.5” hot-swap SATA/SAS HDD Hybrid 4x 3.5” + 8x 2.5” hot-swap SATA/SAS HDD 2x 5.25” media bay (ODD/Tape) 1x Internal USB 3.2 G1 (5Gb) Optional 2x M.2 kit (SATA, in PCIe slots)
Expansion Slots	Support x8 Slimline with two PCH PCIe Gen4 x4 lanes PCIe x4 slot with PCH PCIe Gen4 x4 lanes PCIe x16 slot with CPU PCIe Gen5 x16 lanes PCIe x4 slot with PCH PCIe Gen4 x4 lanes PCIe x8 slot with PCH PCIe Gen4 x4 lanes
GPU Support	Optional NVIDIA Quadro T1000 or NVIDIA Quadro T400 GPU
HBA/RAID Support	Supports HW RAID adapters
Network Interface	2x 1GbE Embedded LOM 1x 1GbE Dedicated Management
Ports	Front: 1x USB 2.0 (XCC Mobile); 1x USB 3.2 Gen1 (5Gb) Rear: 4x USB 3.2 Gen1 (5Gb) ports; 2x RJ45 Ethernet port, 1x Dedicated Management port; 1x Serial port, 1x VGA port, NMI button
Systems Management and Security	Lenovo XClarity Controller 2; Root of Trust module with integrated Platform Firmware Resiliency, TPM 2.0 Optional front lockable bezel, Optional chassis intrusion switch
Power Supplies	Fixed 300W (Gold) / 500W (Titanium) Power Supply Unit (PSU) Redundant CRPS (Platinum) / CRPS (Titanium) PSU Fixed and Redundant PSU meets ErP lot 9
OS Support	Microsoft Windows Server, SUSE, Red Hat, VMware vSphere. Microsoft Windows 10/11 tested. Visit lenovopress.com/osig for more information.
Limited Warranty	1- and 3-year customer replaceable unit and onsite service, next business day 9x5, optional service upgrades

For More Information

To learn more about the Lenovo ThinkSystem ST250 V3, contact your Lenovo representative or Business Partner, or visit www.lenovo.com/thinksystem. For detailed specifications, consult the ThinkSystem ST250 V3 product guide.

About Lenovo

Lenovo is a US$83 billion revenue global technology powerhouse, ranked #153 in the Fortune Global 500, and serving millions of customers every day in 180 markets. Guided by its **vision** of "Smarter Technology for All", Lenovo is executing a **Hybrid AI strategy** that spans Personal AI – one personal AI, multiple devices; and Enterprise AI – helping customers turn data into insights and value. This strategy is delivered through the Group's commitment to **world-class innovation** and a full-stack AI portfolio, including devices, infrastructure solutions, software, and services. Lenovo is widely recognized for its **operational excellence**, with a global footprint spanning more than 20 R&D locations and a supply chain that includes more than 30 manufacturing sites across 10 markets.



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