

ThinkSystem ST250

Enterprise quality tower server for ROBO



Enterprise Capacity

The Lenovo ThinkSystem ST250 is a fully-featured, single-socket, easily-managed rackable tower server for the small-to-medium-sized business (SMB) or remote office/ branch office (ROBO) environment.

The ST250 harnesses enterprise-level server power with the next-generation Intel® Xeon® E-2100 processors in tandem with a wide range of storage options and seamless integration with Lenovo's XClarity management system.

From web serving, system management, and near-side data backup, the ST250 supports several workloads. Intel SGX provides security for blockchain applications.

Enterprise Flexibility and Manageability

The ThinkSystem ST250 features a highly flexible design that deploys server performance where it's needed and adapts as requirements change over time. Expand storage configurations with up to 16x 2.5-inch hot-swappable HDDs/SSDs, and an internal M.2 module, while protecting data with various RAID options. Increase performance and connectivity with GPU support, multiple PCIe slots, and lightning-quick TruDDR4 memory.

Lenovo XClarity software provides easy-to-use systems management and dramatically reduces provisioning time, while an array of XClarity integrators allow utilization of XClarity through external IT applications to streamline IT management and contain costs.

Designed for ROBO Use

The ThinkSystem ST250 is engineered for the remote office / branch office environment. A compact footprint and office-quiet cooling system satisfy on-premises use.

Power supply redundancy options with dual-redundant AC power at 550W result in critical asset dependability. These components increase server uptime, workplace productivity, and asset security; the ideal solution for an environment without a dedicated on-site IT support system.

About Lenovo

Lenovo (HKSE: 992) (ADR: LNVGY) is a US\$45 billion Fortune 500 company and a global technology leader in driving Intelligent Transformation. Lenovo's data center solutions (ThinkSystem, ThinkAgile) are creating the capacity and computing power that are changing business and society.

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Specifications

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|--------------------|---|
| Form Factor | 4U chassis: Height: 430mm, Width: 175mm, Depth: 565.7mm Optional ST250 rack-mount kit |
| Processors | 1x Intel® Xeon® E-2100 processors |
| Memory | Up to 64GB in 4x DIMM slots using 16GB DIMMs 2666MHz TruDDR4 |
| Expansion Slots | x1 lane PCIe Gen3 in x1 slot; x16 lane PCIe Gen 3 in x16 slot (for GPU); x4 PCIe Gen3 in x4 slot; x4 PCIe Gen3 in x8 slot |
| Drive Bays | Up to 8x 3.5-inch simple-swap and hot-swap SATA/SAS bays; up to 16x 2.5-inch hot-swap SATA/SAS; 2x 5.25-inch media bay (for optical drive or tape); 1x M.2 support |
| HBA/RAID Support | Intel RSTe Software RAID support; multiple hardware RAID configurations supported |
| I/O Interface | 1x front USB 3.1 G1 port and USB 2.0 port for XCC mobile 2x rear USB 3.1 G2 ports and 2x rear USB 3.1 G1 ports 1x Serial Com port and 1x VGA port |
| Network Interface | 2x 1GbE ports standard; 1x 1GbE dedicated management port |
| Power | Dual-redundant 80 PLUS power supply unit (PSU) 550W; fixed PSU 250W; power efficiency up to Platinum; Energy Star 2.1 compliant |
| Systems Management | Lenovo XClarity Controller; TPM 1.2 embedded (optional to TPM 2.0) |
| Operating Systems | Microsoft, SUSE, Red Hat, VMware vSphere. Visit lenovopress.com/osig for more information. Microsoft Windows Client OS - Win10 tested |
| Limited Warranty | 1- and 3-year customer replaceable unit and onsite service, next business day 9x5, optional service upgrades |

Featured Options

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|--|---|--|
| <p>3.5-inch Intel S4510 240GB entry SATA 6Gb simple-swap SSD</p> <p>4XB7A13951</p> <p>Engineered for read-write performance, endurance and strong data protection</p> | <p>16GB TruDDR4 2666MHz (2Rx8, 1.2V) UDIMM Memory</p> <p>4ZC7A08699</p> <p>Improve server performance and reliability with high capacity</p> | <p>NVIDIA Quadro P620 Active GPU</p> <p>4X67A11584</p> <p>Tackle graphics-intensive workloads such as VDI</p> |
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For More Information

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

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