

# Lenovo ThinkSystem ST50 V2

Your powerful, compact, and  
affordable first server



## Powerful and High Value

Your business is growing and so is your data. Increasing workloads demand professional-level performance and the ThinkSystem ST50 V2 is ready to deliver.

Ideal for expanding businesses, remote/branch offices, retail locations and home applications, the Lenovo ThinkSystem ST50 V2 the improved operation of the latest Intel® Xeon® E-2300 Processor offering professional-level capabilities at an affordable price-point. Giving you the productivity of a server, yet high value versus a workstation.

## Flexible

With support for three PCIe slots with support of single NVIDIA GPU, and various high bandwidth network adapters along with an array of compatible storage drives. The ST50 V2 adds value and flexibility for any growing business. It can be scaled to fit your changing needs, provides high reliability, and uses common components to reduce costs.

Lenovo's XClarity Provisioning Manager Lite enables easy setup and firmware upgrades while Intel® Active Management Technology (AMT) saves time and reduces costs by monitoring system health and preventing data disruption.

## Energy-efficient, quiet, yet powerful

The ST50 V2's compact size, flexible mounting options, and whisper-quiet acoustics allow it to be placed in an office environment without disruption.

It's energy-efficient with a TDP of no more than 95W and supports up to 8C performance. Providing optimal performance for increased productivity and energy cost-savings.

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## Specifications

Form Factor	Small form-factor tower; Optional rack-mount kit; Height (with stand): 376mm (14.8 inches), width: 169mm (6.7 inches), depth 299mm (11.8 inches)
Processor	1x Intel® Xeon® E-2300 Processor or 1x Intel® Pentium® processor, up to 8 cores at 95W
Memory	Up to 64GB in 4x DIMM slots using 16GB UDIMMs 3200MHz TruDDR4 (32GB UDIMM support is planned)
Drive Bays	2x 3.5-inch HDDs or SSDs (1x default; 1x optional) 1x 2.5-inch SSD 1x NVMe M.2 SSD Module 1x Slim optical drive bay
Expansion Slots	PCIe x16 slot with Gen4 x16 lanes PCIe x1 slot with Gen3 x1 lanes PCIe x16 slot with Gen3 x4 lanes
HBA/RAID Support	Intel® VROC software RAID support; additional hardware RAID configurations also supported
Network Interface	1x 1 GbE Embedded (Intel® i219-LM)
Ports	Front: 2x USB 3.2 G2 (10Gb) ports, 2x USB 3.2 G1 (5Gb) ports, 1x USB 3.2 G2 Type C (10Gb) port Back: 4x USB 3.2 G1 (5Gb) ports; 1x Serial port; 2x DisplayPort ports; 1x audio line out (for Microsoft client OS only)
Systems Management and Security	Intel® AMT; Lenovo XClarity Provisioning Manager (LXPM) Lite – USB version; Embedded TPM 2.0 with an optional TCM
Power Supply	1x Fixed power supply unit up to 500W with Platinum-level power efficiency
OS Support	Microsoft, SUSE, Red Hat, VMware vSphere, CentOS; Visit <a href="https://lenovopress.com/osig">lenovopress.com/osig</a> for more information.
Limited Warranty	1- and 3-year customer replaceable unit and onsite service, next business day 9x5, optional service upgrades; Support 4th and 5th years warranty upgrade

## For More Information

To learn more about the Lenovo ThinkSystem ST50 V2, contact your Lenovo representative or Business Partner, or visit [lenovo.com/thinksystem](https://lenovo.com/thinksystem). For detailed specifications, read the [ThinkSystem ST50 V2 product guide](#).

## About Lenovo

Lenovo (HKSE: 992) (ADR: LNVGY) is a US\$70 billion revenue global technology powerhouse, ranked #159 in the Fortune Global 500, employing 75,000 people around the world, and serving millions of customers every day in 180 markets. Focused on a bold vision to deliver smarter technology for all, Lenovo is expanding into new growth areas of infrastructure, mobile, solutions and services. This transformation is building a more inclusive, trustworthy, and sustainable digital society for everyone, everywhere.

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