

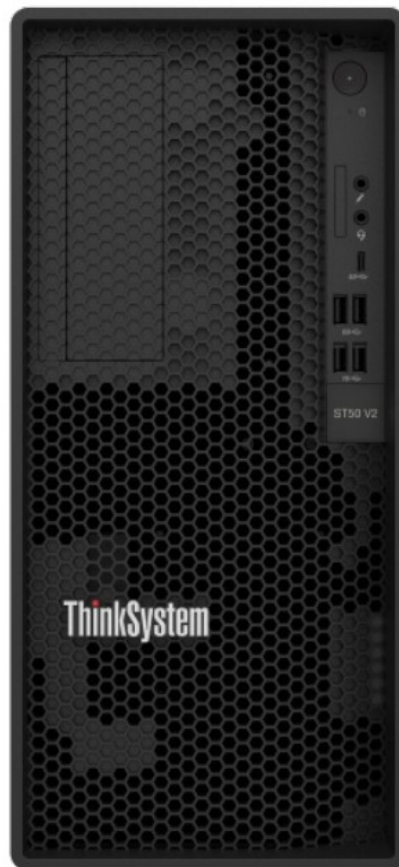


Lenovo ThinkSystem ST50 V2 Server User Manual

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Lenovo

Lenovo ThinkSystem ST50 V2



Your powerful, compact, and affordable first server

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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 pricepoint. 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.

Specifications

Form Factor	Small form-factor tower; Optional rack-mount kit; Height (with stand): 376mm (14.8 inches), width: 170mm (6.7 inches), depth 316mm (12.4 inches)
Processor	1x Intel® Xeon® E-2300 Processor or 1x Intel® Pentium® processor, up to 8 cores at 95W
Memory	Up to 128GB in 4x DIMM slots using 32GB UDIMMs 3200MHz TruDDR4
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 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; 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. 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 80 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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Documents / Resources

	Lenovo ThinkSystem ST50 V2 Server [pdf] User Manual ThinkSystem ST50 V2 Server, ThinkSystem ST50 V2, Server
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References

- [Lenovo Infrastructure Services to Simplify Your IT Transformation | Lenovo US](#)
- [Lenovo Enterprise Storage Server Solutions for Your Data Center | Lenovo US](#)
- [Lenovo Servers | Rack, Tower, Edge & Data Center Servers | Lenovo US](#)
- [Lenovo TruScale | Lenovo Tech Today US](#)
- [Lenovo OS Interoperability Guide > Lenovo Press](#)
- [Lenovo ThinkSystem ST50 V2 Datasheet > Lenovo Press](#)
- [Lenovo Infrastructure Services to Simplify Your IT Transformation | Lenovo US](#)
- [Lenovo Enterprise Storage Server Solutions for Your Data Center | Lenovo US](#)
- [Lenovo TruScale | Lenovo Tech Today US](#)
- [Intel | Data Center Solutions, IoT, and PC Innovation](#)
- [Lenovo Official US Site | Laptops, PCs, Tablets & Data Center | Lenovo US](#)
- [Lenovo ThinkSystem ST50 V2 Server Product Guide > Lenovo Press](#)
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