

Lenovo ThinkSystem ST45 V3

Trust, performance and great value



Designed for Remote Work

The ThinkSystem ST45 V3 is a powerful and robust entry-level server tailored for growing businesses seeking to manage IT infrastructure and business applications. Powered by the AMD EPYC™ 4004 Processor and DDR5 memory, it delivers the necessary performance for handling the IT infrastructure of a remote or home office.

With the compact size and low-decibel noise level of the ThinkSystem ST45 V3, it is ideal for installations outside of a traditional data center. As your business expands, it offers the flexibility to transition into a data center environment seamlessly.

Easy to Deploy & Manage

Lenovo XClarity Provisioning Manager Lite (LXPM Lite) is a USB memory key-based application for system setup and firmware upgrades.

The ThinkSystem ST45 V3 can be deployed at a branch office and managed at the company's main office, reducing the workload of branch IT managers.

It also shares common options with the entire ThinkSystem portfolio making it easier to manage the entire infrastructure.

Powerful & Energy-Efficient

The ThinkSystem ST45 V3 merges cutting-edge performance with energy efficiency, featuring support for the latest DDR5 memory.

Additionally, the ThinkSystem ST45 V3, available with a platinum power supply option, complies with Energy Star 4.0 standards.

Lenovo

Specifications

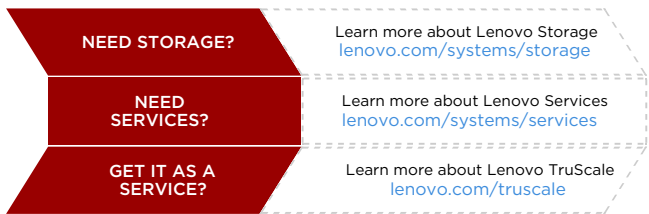
Form Factor	<ul style="list-style-type: none">1S Entry Tower
Processor	<ul style="list-style-type: none">1x AMD EPYC™ 4004 Processor, up to 12 cores at 65W
Memory	<ul style="list-style-type: none">Up to 64GB using 2x DDR5 slotsTruDDR5 5200MHz ECC-UDIMM (16GB/32GB)
Storage	<ul style="list-style-type: none">Onboard 2x SATA connector for 2x 3.5" HDD/SSD5350-8i RAID card for 3x 3.5" HDD
Drive Support	<ul style="list-style-type: none">Option 1: 2x 3.5" + 1x 2.5" + 1x ODDOption 2: 3x 3.5" + 1x 2.5" (no ODD)2x NVMe M.2 support
Networking	<ul style="list-style-type: none">1x 1GbE Embedded
Expansion Slots	<ul style="list-style-type: none">1x PCIe Gen3 x16 (Full height)1x PCIe Gen3 x1 (Full height)
RAID Controller	<ul style="list-style-type: none">AMD SW RAID (Post SS)5350-8i HW RAID
Front Ports	<ul style="list-style-type: none">1x USB 3.2 Gen1 Type C4x USB 3.2 Gen11x Audio Combo + Audio Mic
Rear Ports	<ul style="list-style-type: none">4x USB 2.02x Display Ports 1.4 + 1x HDMI 2.11x LAN1x Audio-out
Management	<ul style="list-style-type: none">LXPM Lite
Power Supply	<ul style="list-style-type: none">ATX-300W (90%) GoldATX-500W (94%) Platinum (ErP Lot9 Compliant)
Warranty	<ul style="list-style-type: none">1 & 3 Years based warranty; Support 4th, 5th years warranty upgrade

For More Information

To learn more about the Lenovo ThinkSystem ST45 V3, contact your Lenovo representative or Business Partner, or visit lenovo.com/thinksystem. For detailed specifications, read the [ThinkSystem ST45 V3 product guide](#).

About Lenovo

Lenovo (HKSE: 992) (ADR: LNVGY) is a US\$62 billion revenue global technology powerhouse, ranked #171 in the Fortune Global 500, employing 77,000 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.



© 2025 Lenovo. All rights reserved.

Availability: Offers, prices, specifications and availability may change without notice. Lenovo is not responsible for photographic or typographic errors. **Warranty:** For a copy of applicable warranties, write to: Lenovo Warranty Information, 1009 Think Place, Morrisville, NC, 27560. Lenovo makes no representation or warranty regarding third-party products or services. **Trademarks:** Lenovo, the Lenovo logo, ThinkSystem®, and XClarity® are trademarks or registered trademarks of Lenovo. AMD and AMD EPYC™ are trademarks of Advanced Micro Devices, Inc. Other company, product, or service names may be trademarks or service marks of others. Document number DS0189, published December 3, 2024. For the latest version, go to lenovopress.lenovo.com/ds0189.

