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™ 4005 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.

Specifications

Form Factor	• 1S Entry Tower
Processor	• 1x AMD EPYC™ 4005 Processor, up to 16 cores at 65W
Memory	• Up to 64GB using 2x DDR5 slots • TruDDR5 5600MHz ECC-UDIMM (16GB/32GB)
Storage	• Onboard 3x SATA connector for 3x 3.5” HDD/SSD • 5350-8i RAID card for 3x 3.5” HDD
Drive Support	• Option 1: 2x 3.5” + 1x 2.5” + 1x ODD • Option 2: 3x 3.5” + 1x 2.5” (no ODD) • 2x NVMe M.2 support
Networking	• 1x 1GbE Embedded
Expansion Slots	• 1x PCIe Gen3 x16 (Full height) • 1x PCIe Gen3 x1 (Full height)
RAID Controller	• AMD SW RAID • 5350-8i HW RAID
Front Ports	• 1x USB 3.2 Gen1 Type C • 4x USB 3.2 Gen1 • 1x Audio Combo + Audio Mic
Rear Ports	• 4x USB 2.0 • 2x Display Ports 1.4 + 1x HDMI 2.1 • 1x LAN • 1x Audio-out
Management	• LXPM Lite
Power Supply	• ATX-300W Gold • ATX-500W Platinum (ErP Lot9 Compliant)
Warranty	• 1 & 3 Years based warranty; Support 4th, 5th years warranty upgrade

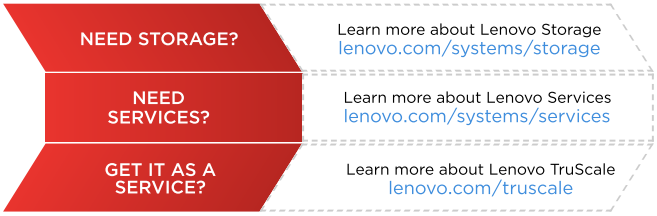
AMD
EPYC

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 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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AMD EPYC