Think BIG
with Lenovo ThinkSystem Tower Servers Powered by Intel® Xeon® E processors

Discover Lenovo ThinkSystem Tower Servers

Engineered solutions designed to meet the diverse needs of your customers including expanding businesses, remote office branch offices (ROBO), retail locations and home applications.

In this product guide, we will highlight the key features and specifications of the Lenovo ST50 v2 and ST250 v2 Powered by Intel® Xeon® E processors. the main SKUs for the Tower go big initiative. We will also look at the larger tower servers ST550 and ST650 v3, Powered by Intel® Xeon® Scalable processors.

All servers are delivered with a standard 1-year warranty, with options for your customers to upgrade to Lenovo Premier Support for additional peace of mind.

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**Powered by
Intel® Xeon® processors**

Engineered solutions to meet customer needs:

Lenovo ThinkSystem ST50 v2 Powered by Intel® Xeon® E processors

Lenovo ThinkSystem ST50 v2 is an entry-level tower server ideal for small businesses and ROBO customers. It is designed to deliver essential performance and reliability while keeping costs low.

Learn More on Lenovo Press:
Lenovo ThinkSystem ST50 V2 Datasheet

Key Features[1]:

- Powerful and High Value - 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 GPU, and various high bandwidth network adapters along with an array of compatible storage drives.
- Energy-efficient, quiet, yet powerful - compact size, flexible mounting options, and whisper-quiet acoustics allow it to be placed in an office environment without disruption.
- Processor – 1 x Intel® Xeon® E-2300 Processor, up to 8 cores at 95W.
- Memory - Up to 128GB in 4x DIMM slots using 32GB UDIMMs 3200MHz TruDDR4.
- Includes full support of Lenovo XClarity Administrator for comprehensive systems management.

Ideal For:

- Small businesses.
- ROBO customers.
- Basic server workloads.

Lenovo ThinkSystem ST250 v2 Powered by Intel® Xeon® E processors

The Lenovo ThinkSystem ST250 v2 is a versatile and affordable tower server suitable for a wide range of applications, from general-purpose to edge computing.

Learn More on Lenovo Press:
Lenovo ThinkSystem ST250 V2 Datasheet

Key Features[2]:

- Enterprise Power - Providing enterprise-level server power with the next-generation Intel® Xeon® E-2300 Processor, the ThinkSystem ST250 V2 enables up to 8 cores and a max 17% performance increase over the prior generation.
- Enterprise Flexibility and Manageability - Highly flexible and easy to manage design that deploys server performance where it's needed and adapts as requirements change over time.
- Designed for Remote Office Use, i.e. designed for environments with minimal IT support.
- The compact footprint and office-quiet cooling system enables the server for low-profile use.
- Processor – 1 x Intel® Xeon® E-2300 Processor, up to 8 cores at 95W.
- Memory - Up to 128GB in 4x DIMM slots using 32GB UDIMMs 3200MHz TruDDR4.
- Includes full support of Lenovo XClarity Administrator for comprehensive systems management.

Ideal For:

- Small to medium-sized businesses.
- Remote and branch offices.
- Edge computing and virtualization.

Lenovo ThinkSystem ST550 Powered by Intel® Xeon® Scalable processors

The Lenovo ThinkSystem ST550 is a robust tower server designed to deliver exceptional performance, scalability, and reliability for your customer's mission-critical applications.

Learn More on Lenovo Press:
Lenovo ThinkSystem ST550 Server (Xeon SP Gen 1 / Gen 2) Product Guide

Key Features[3]:

- Energy efficiency - The ST550 offers energy-efficiency features that can help to save energy, reduce operational costs, increase energy availability, and contribute to the green environment.
- Manageability and security - Powerful systems management features simplify local and remote management.
- Availability and serviceability - Simplified serviceability to increase system uptime.
- Scalability and performance - High-performance dual-socket tower server supporting a wide range of processors to suit a wide range of budgets and application requirements.
- Processor - One or two second-gen Intel® Xeon® Processor Scalable Family of processors. Supports processors up to 22 cores, core speeds up to 3.8 GHz, and TDP ratings up to 125W.
- Memory - Up to 12 DIMM sockets (6 DIMMs per processor) supporting Lenovo TruDDR4 DIMMs at up to 2933 MHz.
- Includes full support of Lenovo XClarity Administrator for comprehensive systems management.

Ideal For:

- Large enterprises.
- Mission-critical applications.
- Virtualization, databases, and high-performance computing.

Lenovo ThinkSystem ST650 v3 Powered by Intel® Xeon® Scalable processors

The Lenovo ThinkSystem ST650 v3 is a high-performance tower server designed to handle demanding workloads and scale as your customer's business grows.

Learn More on Lenovo Press:
Lenovo ThinkSystem ST650 V3 Datasheet

Key Features[4]:

- Powerful performance - The high core count of the 4th Gen Intel® Xeon® Scalable processor increases the performance of the ThinkSystem ST650 V3 by 59% over previous generations.
- Expandable capabilities - As your customer's workloads evolve, so should their servers. Adding agility with ease to your IT Infrastructure enables a private cloud or virtualized environment to optimize workloads as needed.
- Faster insights - The ThinkSystem ST650 V3 speeds insights with 8 single-width (SW) or 4 double-width (DW) or a combination of 4 SW and 4 DW GPUs.
- Processors - Up to 2x 4th Gen Intel® Xeon® Scalable processors, up to 250W.
- Memory - Up to 4TB in 32x DIMM slots using 128GB DIMMs; 4800MHz TruDDR5.
- Includes full support of Lenovo XClarity Administrator for comprehensive systems management.

Ideal For:

- Medium to large enterprises.
- Data-intensive workloads.
- Virtualization and data analytics.

Get started to seize the opportunity of Lenovo Tower

- **Visit Lenovo Partner Hub** for more information and enablement toolkit.

- **Explore the full Lenovo Portfolio offerings** via Lenovo Press.

- **Reach out to your Lenovo Partner Account Manager** for support on solution acquisition and more.

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[1] Lenovo ThinkSystem ST50 V2 Datasheet > Lenovo Press
[2] Lenovo ThinkSystem ST250 V2 Datasheet > Lenovo Press
[3] Lenovo ThinkSystem ST550 Server (Xeon SP Gen 1 / Gen 2 Product Guide > Lenovo Press
[4] Lenovo ThinkSystem ST650 V3 Datasheet > Lenovo Press

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