Lenovo ThinkSystem SR635 V3

Powerful 1S server for business & infrastructure applications

Agility with Speed

The Lenovo ThinkSystem SR635 V3 with the 5th Generation AMD EPYC™ Processor delivers the ideal choice for business and infrastructure applications. With support for DDR5 memory and a 50% increase in PCIe slots, the SR635 V3 delivers twice the performance of the previous generation.

Beneficial Performance

The SR635 V3 packed with performance to provide companies with the speed and agility of a traditional 1S server in a 1U format. The 5th Generation AMD EPYC™ offers maximum processing power with up to 160 Zen5 cores. Increasing the core density up to 50% over the previous version.

It also has increased I/O and storage speed with up to 5 PCIe Gen4 slots, or up to 2 Gen5 slots as well as supports the latest TruDDR5 memory. The SR635 V3 offers the bandwidth and storage speed for data intensive applications like AI, virtualization, and software defined storage (SDS).

Reliable, secure and easy-to-manage

With the SR635 V3 reliability, security, and management work together to maximize uptime. At Lenovo, reliability starts during manufacturing where we test and hold our servers to industry-leading standards. Security provided by Lenovo ThinkShield also begins at the factory with our Root of Trust and follows the server throughout its life.

We add to the reliability and security with Lenovo XClarity, the single license, easy system management software. XClarity makes management easy with an intuitive platform and single dashboard to view activity. It also includes security features like monitoring hardware for unexpected adds and changes.

Combine all these features and it's no wonder ITIC named Lenovo servers #1 for reliability and uptime for 8 years in a row.

Specifications

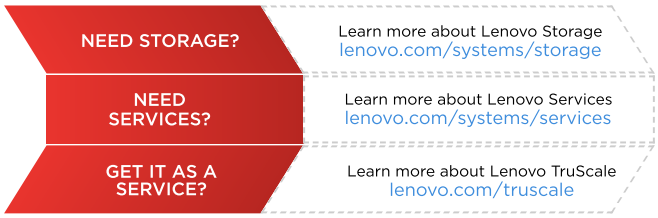
Form Factor / Depth	1U rack server 778mm (30.6 inches)
Processor	One 4th Generation AMD EPYC™ Processors or 5th Generation AMD EPYC™ Processors, up to 160 cores
Memory	12x TruDDR5 DIMM slots at 1DPC Maximum 1.5TB using 128GB 3DS RDIMMs Up to 1 DPC at 6400MHz
Drive Bays	Up to 12x 2.5" hot-swap drive bays (Combinations of SAS/SATA, NVMe, or AnyBay™) Up to 16x EDSFF Boot Drives: Two 7mm drives at the rear; Internal M.2 module supporting up to two M.2 drives
GPU Support	Up to 4x single-width GPUs
RAID Support	Hardware RAID; HBAs
Power Supply	Dual Redundant AC & DC supplies with Titanium/Platinum for ErP Lot9 Compliance
Network Interface	OCP 3.0 mezz adapter; 1GbE Dedicated Management, optional 2nd port using OCP slot
Slots	Up to 5x PCIe 4.0 slots, up to 2x PCIe 5.0 slots; Up to 64x lanes via onboard NVMe connectors
Ports	Front: Front Operator Panel or Integrated diagnostic panel; 1x USB 3.1 and 1x USB 2.0 with XCC connection for mobile device Optional VGA port; External diagnostic port for optional External Diagnostic Handset Rear: 3x USB 3.1 ports; 1x VGA port; Optional Serial (COM) port; System ID LED, Error LED, NMI button
Systems Management	ThinkSystem XClarity Controller based on AST2600; Pluggable hardware root of trust (RoT) module with TPM 2.0 (Optional)
Operating Systems	Microsoft Windows Server, SUSE Linux Enterprise Server, Red Hat Enterprise Linux, VMware vSphere
Limited Warranty	1- and 3-year customer replaceable unit and onsite service, next business day 9x5; optional service upgrades

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.

For More Information

To learn more about the Lenovo ThinkSystem SR635 V3, contact your Lenovo representative or Business Partner or visit lenovo.com/thinksystem. For detailed specifications, consult the SR635 V3 Product Guide.



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