Lenovo ThinkSystem SR655 V3

Server designed for scalable performance



Designed for flexibility

Running your IT Infrastructure at optimal performance and efficiency requires the ability to customize for your workloads is a high performance 1S 2U rack server optimized with expansive GPU capacity and the latest PCIe Gen5 delivering a balance of continuous speed and agility to any IT infrastructure. The SR655 V3 is storage-rich and agile with options for SAS/SATA, NVMe and AnyBay™ drives. Up to 32x 2.5" hot-swap bays allow for fast adds and changes as your environment evolves.

Flexible options for PCIe Gen4 or Gen5 assist in meeting your infrastructure I/O and budget requirements while providing the bandwidth necessary for High Performance Computing (HPC) applications.

Powerful and efficient

Tackling today's modern workloads requires a server with speed and storage capacity. The 5th Generation AMD EPYC™ Processors with up to 160 Zen5 cores in the SR655 V3 are designed for performance, and they amplify speed with support for the latest TruDDR5 memory and storage capacity making them ideal for complex workloads like AI, virtualization and HPC.

The SR655 V3 is powerful and energy efficient. The dual redundant power supplies have a Titanium rating and are ErP Lot9 compliant.

End-to-end management and security

Your IT infrastructure is the backbone of your business and having a server you can rely on is important. Lenovo's industry-leading management and security, coupled with rigorous testing leads to the top rating for server reliability by ITIC.

The SR655 V3 includes Lenovo XClarity software which provides easy management from deployment to decommission along with added security features like monitoring for unexpected adds or changes.

Lenovo ThinkShield provides a Root of Trust security provides protection starting at development and following throughout the life of your server.

Finally, Lenovo's portfolio of services supports the full lifecycle of your Lenovo IT assets - from planning, deployment and support to asset recovery.

Lenovo

WWW.LENOVO.COM

ThinkSystem

AMD EPYC

y

Specifications

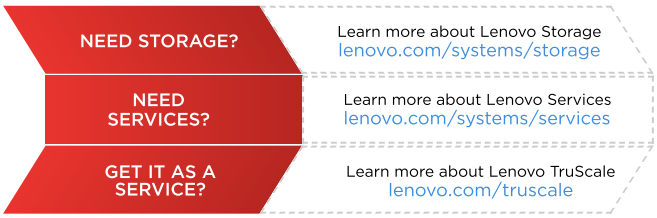
Form Factor / Depth	2U / 764mm (30 inches)
Processor	Choice of one 4th Generation AMD EPYC™ Processor or 5th Generation AMD EPYC™ Processor, up to 160 cores
Memory	12x TruDDR5 DIMM slots Maximum 1.5TB using 128GB 3DS RDIMMs
Drive Bays	Up to 20x 3.5” or 40x 2.5” drives; hot-swap drive bay Combinations of SAS/SATA, NVMe, or AnyBay
GPU Supports	Up to 3x double width GPU Up to 8x single width GPU
RAID Support	Hardware RAID flash cache; HBAs
Power Supply	Dual redundant PSUs Titanium/Platinum to meet ErP Lot 9 standard
Network Interface	OCP 3.0 mezz adapter, PCIe adapters
Slots	Up to 10x total PCIe slots (either 10x rear, or 6x rear + 2x front); 1x OCP 3.0 adapter slot, Support for PCIe Gen4/Gen5 and CXL
Ports	Front: 1x USB 3.0, 1x USB 2.0, 1x VGA (optional) Rear: 1x VGA, 3x USB 3.1 G1, 1x Serial port; 1x Ethernet management
Systems Management	ASPEED 2600, XClarity support
OSes Supported	Microsoft Windows Server, SUSE Linux Enterprise Server, Red Hat Enterprise Linux, VMware vSphere. 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

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 SR655 V3, contact your Lenovo representative or Business Partner or visit lenovo.com/thinksystem. For detailed specifications, consult the SR655 V3 Product Guide.



© 2026 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, AnyBay®, ThinkShield®, ThinkSystem®, and XClarity® are trademarks or registered trademarks of Lenovo. AMD®, AMD EPYC®, and EPYC® are trademarks of Advanced Micro Devices, Inc. Linux® is the trademark of Linus Torvalds in the U.S. and other countries. Microsoft®, Windows Server®, and Windows® are trademarks of Microsoft Corporation in the United States, other countries, or both. Other company, product, or

y

service names may be trademarks or service marks of others. Document number DS0150, published October 10, 2024. For the latest version, go to lenovopress.lenovo.com/ds0150.

