Lenovo ThinkSystem SD535 V3

High efficiency, high performance, 1U server node

High-Density with Storage

Powered by a single 5th Generation AMD EPYC™ Processor, the ThinkSystem SD535 V3 is a robust 1U half-width multi-node server (node). With up to 4 nodes per chassis and the choice of up to 6x SAS, SATA, or NVMe SSDs per node, it provides optimal storage and high-density computing power.

The ThinkSystem SD535 V3 offers flexible, high-density, computing with increased storage over other multi-node servers.

The increased storage options in the SD535 V3 make it ideal for compute-intensive workloads like big data analytics and virtualization, which require a moderate amount of storage.

Flexible & Easy to Manage

Taking advantage of the D3 Chassis, the ThinkSystem SD535 V3 is a modular multi-node server adding greater flexibility to your rack space. Using the ThinkSystem D3 Chassis, you can start with one node and scale out as needed.

In addition, you can mix node types, including Intel® and AMD within the same chassis to meet your processing needs, regardless of the processor type.

With the addition of XClarity Controller, the ThinkSystem SD535 V3 is easily managed and when mixing Lenovo ThinkSystem Multi-Node types within the same chassis, it manages all of the nodes in one view.

Efficiency & Performance

The ThinkSystem SD535 V3 stands at the forefront of operational excellence, ingeniously engineered to enhance thermal efficiency and performance. Its 1U optimized thermal design, combined with the capability for up to four nodes to share merely two or three power supplies, epitomizes efficient, dense processing —thereby significantly reducing operational expenses.

Tailored for large enterprises and High-Performance Computing (HPC) environments with an appetite for swift data processing and a moderate storage requirement, the ThinkSystem SD535 V3 delivers unparalleled performance.

It achieves this while simultaneously minimizing the data center footprint, making it an exemplary choice for organizations aiming to achieve high efficiency and sustainability in their operations

Lenovo

AMD EPYC
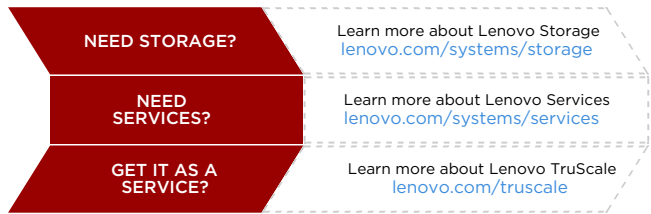
Specifications

Form Factor/Height	1U half-width multi-node dense server (node) 4 nodes can be installed in a 2U enclosure
Processor	1x 4th or 5th Generation AMD EPYC™ Processor, up to 500W
Memory	Each node has 12x TruDDR5 6400MHz RDIMM slots, up to 1.5TB
Storage	6x 2.5" SAS/SATA/NVMe SSDs 2x M.2 NVMe/SATA on board drives
Network Interface	1x 1GbE dedicated management port
I/O Expansion	1x OCP 3.0 slot 1x PCIe Gen5 x16 HHHL slot
GPU Support	1x 75W GPU
Cooling	Air cooling or optional Lenovo Neptune™ direct water cooling
Power Supply	Chassis supports up to 3x power supply units, up to 2700W each ERP Lot 9 Support
Systems Management	Lenovo XClarity Controller embedded management with Platform Firmware Resiliency (Hardware Root of Trust), TPM 2.0
OS Support	Microsoft, Linux, Red Hat, SUSE, VMware
Limited Warranty	1 & 3-year base warranty, next business day 9x5, optional 4th & 5th year service upgrades

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.

For More Information

To learn more about the ThinkSystem SD535 V3, contact your Lenovo representative or Business Partner or visit www.lenovo.com/thinksystem. For detailed specifications, consult the SD535 V3 product guide.

NEED STORAGE?	Learn more about Lenovo Storage lenovo.com/systems/storage
NEED SERVICES?	Learn more about Lenovo Services lenovo.com/systems/services
GET IT AS A SERVICE?	Learn more about Lenovo TruScale lenovo.com/truscale

AMD
EPYC