Lenovo ThinkSystem SD530 V3

Ready to adapt when you are

Twice the density twice the compute

The ThinkSystem SD530 V3 is a multi-node server designed for workloads requiring extreme compute power. With 2x the core density, it is ideal for multiple applications including increasing virtual machine density for cloud computing and processing mass amounts of transactional data.

Up to four 1U2S ThinkSystem SD530 V3 server nodes nest in a single 2U ThinkSystem D3 Chassis providing up to 8CPU processing performance.

Flexible workload optimization

The ThinkSystem SD530 V3 enables the flexibility to scale out as workloads increase. Start with a single server in a ThinkSystem D3 chassis and add servers as workloads expand.

This modular multi-node system also gives the ability to mix the SD530 V3 server node with other nodes in the same chassis adding greater flexibility to your rack space. With the ability to mix nodes in the same chassis you can easily scale out to meet your processing needs as they grow.

Efficiency and performance

The ThinkSystem SD530 V3 is designed to provide space and energy savings within the data center for workloads requiring only minimal storage. The SD530 V3 has 1U optimized thermals with up to four nodes sharing 3 power supplies (up to 2700W each), reducing power consumption and OPEX per 1U versus a standard rack server.

With double the core density of a standard rack server, the SD530 V3 provides double the processing power in the same footprint as a standard rack server. Additionally, users save on unnecessary storage and PCIe costs for workloads where they are not needed.

Ease of management

Included with the SD530 V3 is XClarity Controller system management, providing advanced service-processor control, monitoring, and alerting functions. Lenovo XClarity Controller is a hardware embedded management engine common in every two-socket ThinkSystem server. XClarity Controller features an uncluttered graphical user interface, industry standard Redfish-compliant REST APIs.

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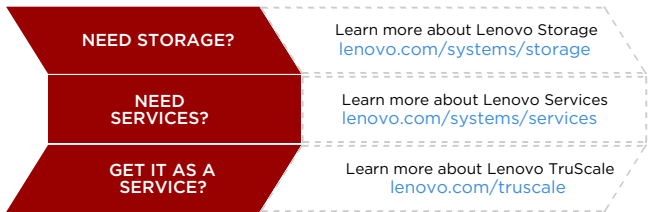
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Specifications

Form Factor/Height	1U half-width multi-node dense server (node) 4 nodes can be installed in a 2U enclosure
Processor	2x 5th Gen Intel® Xeon® Scalable processors, up to 350W (1CPU), 205W (2 CPUs)
Memory	Each node has 16x TruDDR5 5600 MHz RDIMM slots
Storage	2x E3.S EDSFF 2x M.2 boot drives
Network Interface	1x 1GbE Dedicated Management
I/O Expansion	1x OCP 3.0 slot with PCIe Gen5 1x PCIe Gen5 x16 HHHL slot
GPU Support	1x 75W GPU
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 SD530 V3, contact your Lenovo representative or Business Partner or visit www.lenovo.com/thinksystem. For detailed specifications, consult the SD530 V3 product guide.

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