

Lenovo ThinkSystem SR530

Designed to tackle entry cloud, hosting, file serving, and scale-out workloads



Essential and Priced within Reach

Lenovo ThinkSystem SR530 is an ideal 2-socket 1U rack server for small businesses up to large enterprises that need industry-leading reliability, management, and security, as well as cost-optimized performance and flexibility for future growth. Designed to handle a wide range of workloads, such as IT infrastructure, collaboration, and entry cloud, it can be the foundation of your online business.

Flexible to Grow with Your Business

ThinkSystem SR530 offers numerous features to increase performance and flexibility. Incorporating two Intel® Xeon® Scalable family CPUs with 43 percent more cores, faster memory, increased I/O, and more storage capacity than the previous generation*, SR530 offers a balance of performance, capacity and value. With M.2 storage support, it provides robust boot drive options, freeing up the other drive bays for additional storage capacity. SR530 supports up to three PCIe adapter slots; several choices of network options via embedded LOM, selectable LOM, ML2, and PCIe adapters for additional 1GbE/10GbE ports; and software and hardware RAID options for added configuration flexibility. In addition, features such as 80 PLUS Platinum and Titanium PSUs, continuous operation at 45°C (with limitations), and various technologies that speed upgrades and maintenance all combine to reduce your operating costs and increase uptime.

Easily Managed

Lenovo XClarity Controller is an all-new hardware embedded management engine common in every ThinkSystem server. XClarity Controller features an uncluttered graphical user interface, industry standard Redfish-compliant REST APIs, and enables booting in half the time of prior generation servers, with up to 6x faster firmware updates.

Lenovo XClarity Administrator is a virtualized application that centrally manages ThinkSystem servers, storage, and networking. Via reusable patterns and policies, it ramps up and scales infrastructure provisioning and maintenance. It serves as a central integration point to extend your data center management processes to physical IT. Running XClarity Integrators in external IT applications, or integrating through REST APIs, helps you further speed services provisioning, streamline IT management, and contain costs.

Lenovo servers continue to be the industry's #1 most reliable¹, with the industry's highest customer satisfaction² rating.

Why Lenovo

Lenovo is the leading provider of x86 systems for the data center. The portfolio includes rack, tower, blade, dense and converged systems, and supports enterprise class performance, reliability and security. Lenovo also offers a full range of networking, storage, software and solutions, and comprehensive services supporting business needs throughout the IT lifecycle.

Lenovo™

ThinkSystem



Specifications

Form Factor/Height	1U rack server
Number of Processors	Up to 2x Intel® Xeon® Platinum processors, up to 125W
Memory	Up to 768GB in 12x slots, using 64GB DIMMs; 2666MHz TruDDR4
Expansion Slots	Up to 3x PCIe 3.0, via multiple riser options (either all-PCIe, or PCIe and ML2)
Drive Bays	Up to 8 bays. SFF: 8x HS SAS/SATA; or LFF: 4x HS SAS/SATA; or 4x simple-swap (SS) SATA; PLUS up to 2x mirrored M.2 boot (opt. RAID 1)
HBA/RAID Support	Software RAID std. (up to 8 ports); opt. hardware RAID (up to 8 ports) with flash cache; up to 8-port HBAs
Security and Availability Features	TPM 1.2/2.0; PFA; HS/redundant drives and PSUs; operating temp up to 45°C (with limitations); front-access diagnostics via dedicated USB port
Network Interface	2x 1GbE ports + 1x dedicated 1GbE management port (std); optional modular LOM supports 2x 1GbE Base-T or 2x 10GbE with Base-T or SFP+
Power	2x hot-swap/redundant (Energy Star 2.1): 550W/750W 80 PLUS Platinum; or 750W 80 PLUS Titanium
Systems Management	XClarity Controller embedded management, XClarity Administrator centralized infrastructure delivery, XClarity Integrator plugins, and XClarity Energy Manager centralized server power management
OSes Supported	Microsoft Windows Server, SLES, RHEL, VMware vSphere. Visit lenovopress.com/osig for details.
Limited Warranty	1- and 3-year customer replaceable unit and onsite service, next business day 9x5, opt. service upgrades

* Compared to Lenovo ThinkServer RD350; ¹2016-2017 Global Hardware, Server OS Reliability Report, ITIC; October 2016;

²H16 Corporate IT Buying Behavior and Customer Satisfaction Study, TBR; December 2016

Featured Options

3.5-inch 10TB 7,200rpm SAS 12Gb Hot-Swap 512e HDD	10Gb 2-port SFP+ LOM	64GB TruDDR4 2666MHz (4Rx4 1.2V) LRDIMM
7XB7A00046	7ZT7A00546	7X77A01305
High-capacity drives for enterprise-class applications	Low-cost Intel LoM available for 1Gb, 10Gb, SFP+, and RJ45 connectivity	Improve server performance and reliability with high-capacity TruDDR4 memory

Visit [Options](#) for more information.

For More Information

To learn more about the Lenovo ThinkSystem SR530, contact your Lenovo representative or Business Partner or visit lenovopartnernetwork.com/datacenter lenovopartnernetwork.com/ca/datacenter

For detailed specs consult the [SR530 Product Guide](#)

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