ThinkSystem SR530

Affordable enterprise-ready 1U rack server

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, the SR530 can be the foundation of your online business.

Flexible to Grow with Your Business

ThinkSystem SR530 offers many features to increase performance and flexibility. Incorporating two second-generation Intel® Xeon® Processor Scalable family CPUs delivering a 36% total performance improvement,* faster 2933MHz 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 other drive bays for more storage capacity.

SR530 supports up to three PCIe adapter slots; choices of network options via embedded LOM, selectable LOM, ML2, and PCIe adapters for added 1GbE/10GbE ports; and multiple RAID options for added configuration flexibility. Also, 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 operating costs and increase uptime.

Easily Managed

Lenovo XClarity Controller is a 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 ThinkShield is a comprehensive end-to-end approach to security that begins with development and continues through supply chain and the full lifecycle of the device. From the data center to the edge of the network our priority is protecting your business with each product.

Lenovo servers continue to be the industry's #1 most reliable†.

Specifications

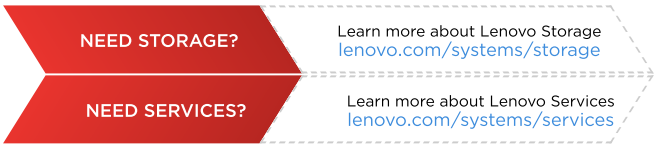
Form Factor/Height	1U rack server
Number of Processors	Up to 2x second-generation Intel® Xeon® Platinum processors, up to 125W
Memory	Up to 768GB in 12x slots, using 64GB DIMMs; 2666MHz / 2933MHz TruDDR4
Expansion Slots	Up to 3x PCIe 3.0, via multiple riser options (either all-PCIe, or PCIe and ML2)
Drive Bays	8x 2.5″ hot-swap SAS/SATA; or 4x 3.5″ hot-swap SAS/SATA; or 4x 3.5″ simple-swap SATA; up to 2x M.2 boot (optional RAID 1)
HBA/RAID Support	SW RAID standard; optional HBA or HW RAID with flash cache
Security/Availability	Lenovo ThinkShield, TPM 1.2/2.0; redundant PSUs; front-access diagnostics via dedicated USB port
Network Interface	2x 1GbE ports + 1x dedicated 1GbE management port (standard); 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, XClarity Administrator, XClarity Integrator plugins, and XClarity Energy Manager
OSes Supported	Microsoft Windows Server, SUSE, Red Hat, VMware vSphere. Visit lenovopress.com/osig for details.
Limited Warranty	1-/3-year customer replaceable unit and onsite service, next business day 9x5

About Lenovo

Lenovo (HKSE: 992) (ADR: LNVGY) is a US$45 billion Fortune 500 company and a global technology leader in driving Intelligent Transformation. Lenovo's data center solutions (ThinkSystem, ThinkAgile) are creating the capacity and computing power that are changing business and society.

For More Information

To learn more about the Lenovo ThinkSystem SR530, contact your Lenovo representative or Business Partner or visit www.lenovo.com/thinksystem. For detailed specs consult the SR530 Product Guide.



* Based on Intel internal testing, August 2018. † ITIC 2018 Global Reliability Report.

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