ThinkSystem SR550
Balanced and affordable enterprise-ready 2U rack server

Essential and Priced Within Reach

The Lenovo ThinkSystem SR550 dual-socket 2U rack server is ideal for small to large organizations that need performance, storage capacity, flexible I/O, and resiliency. With industry-leading reliability† and customer satisfaction‡, and designed to handle a wide range of workloads, SR550 cost-effectively performs complex analytics on structured and unstructured data, speeds transactional systems, and powers through collaboration workloads with ever-growing data sets and large files shared within an organization.

Flexible to Grow with Your Business

SR550 offers numerous features to increase performance and flexibility. It features two second-generation Intel® Xeon® Processor Scalable family CPUs, with 43% more cores, faster 2933MHz memory,* increased I/O, and more storage capacity than the previous generation. Software and hardware RAID with simple-swap hard drives make it easy to manage storage needs.

SR550 also supports two internal M.2 boot drives, freeing up the other drive bays for additional storage capacity. Front USB 3.0 ports and optional front VGA simplify deployment and servicing. Plus, up to six PCIe adapter slots and several choices of optional 1GbE/10GbE LOM and NICs, 80 PLUS Platinum and Titanium PSUs, and continuous operation at 45°C, provide additional flexibility and cost savings.

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 life cycle of the device. From the data center to the edge of the network our priority is protecting your business with each product.

ThinkSystem

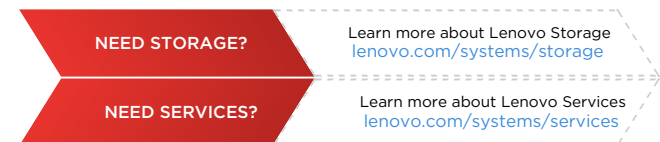## Specifications

Form Factor/Height	2U rack server
Processors	Up to 2 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 6x PCIe 3.0 (with 2x processors) via multiple riser options (PCIe-only or PCIe + ML2)
Drive Bays	Up to 16x hot-swap 2.5″ or 8x simple-swap 3.5″; plus up to 2x mirrored M.2 boot (optional RAID 1)
HBA/RAID Support	Software RAID standard. (up to 8 ports); up to 16-port HBAs/or HW RAID with flash cache
Security and Availability Features	Lenovo ThinkShield, TPM 1.2/2.0; PFA; Hot-swap/redundant drives and PSUs; front-access diagnostics via dedicated USB port; optional redundant cooling
Network Interface	2x 1GbE ports + 1x dedicated 1GbE management port (std); 1x optional 10GbE LOM
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, SUSE, Red Hat, VMware. Visit lenovopress.com/osig for more information.
Limited Warranty	1-year and 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 SR550, contact your Lenovo representative or Business Partner or visit: www.lenovo.com/thinksystem. For detailed specifications, consult the SR550 Product Guide.

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† ITIC 2018 Global Reliability Report. ‡ TBR x86-based Servers Report 2018. * Based on Intel internal testing, August 2018.