

Lenovo ThinkSystem SR630 V2

Built for business-critical
versatility



Customer Inspired, Purpose Built

The Lenovo ThinkSystem SR630 V2 is a 1U rack server that delivers mainstream performance and density combined with internal expandability for hybrid data center workloads such as: cloud, virtualization, analytics, computing and gaming. In addition to industry-leading reliability, ThinkSystem SR630 V2 is equipped with Lenovo XClarity management capabilities as well as Lenovo ThinkShield security for end-to-end protection.

More processor cores (up to 40) from 2 third-generation Intel® Xeon® Scalable processors as well as denser memory from 32 DIMMs and support for 16 dedicated Intel® Optane™ DC persistent memory 200 series modules make running multiple processes simultaneously a snap, increasing performance when multitasking or working powerful apps and programs. With data stored closer to the processor, applications can access data faster driving swifter response times for real-time analytics, financial transactions, electronic medical records, fraud detection, and much more.

Unique Lenovo AnyBay technology optimizes storage flexibility and bolsters performance with support for up to 10x 2.5 inch hot-swap front drive bays. In addition, large gains in IO operations per second (IOPS) can be obtained with a novel EDSFF drive configuration of up to 16x E1.S NVMe drives allowing customers to further optimize their database and analytics workloads.

Management and Security

Lenovo XClarity management controller supports an easy-to-use application with industry standard Redfish-compliant REST APIs that provide streamlined hardware provisioning and maintenance, enabling a data-driven, centralized view of data center operations.

Trust Lenovo ThinkShield to protect and defend your data center infrastructure from attacks, with 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

Finally, Lenovo's portfolio of services support the full lifecycle of your Lenovo IT assets - from planning, deployment and support to asset recovery

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Specifications

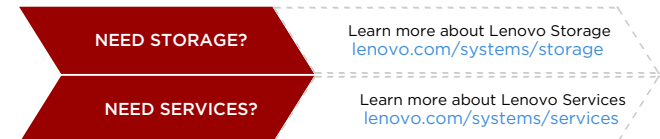
Form Factor/Height	1U rack server
Processor	Up to 2x 3rd generation Intel® Xeon® Scalable processors, up to 40 cores, up to 270W TDP
Drive Bays	Front and rear drive bays of up to 4x 3.5-inch + 2x 2.5-inch drives, or 12x 2.5-inch drives, or 16x EDSFF drives; Up to 12x NVMe drives supported; 2x M.2 boot drives (RAID 1); 2x 7mm boot drives in rear (RAID 1)
Memory	32x DDR4 memory slots; Maximum 8TB using 32x 256GB 3DS RDIMMs; Supports up to 16x Intel® Optane™ DC persistent memory 200 Series modules (PMem)
Expansion Slots	Up to 3x PCIe 4.0 slots, 1x OCP 3.0 slot, 1x cabled HBA/RAID adapter that doesn't occupy a standard PCIe slot
GPUs	Up to 3x single-width 75W GPUs
Network Interface	LOM adapter installed in the OCP 3.0 slot; PCIe adapters
Ports	Front: 1x USB 3.1 G1, 1x USB 2.0 with XClarity Mobile support, 1x VGA (optional), 1x external diagnostics handset port Rear: 3x USB 3.1 G1, 1x VGA, 1x RJ-45 (management), 1x Serial port (optional)
HBA/RAID Support	SW RAID standard; optional HW RAID with/without cache or 8/16-port SAS HBAs
Power	Dual redundant power supplies (up to 1800W Platinum)
Systems Management	Lenovo XClarity Controller
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; optional service upgrades

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 SR630 V2, contact your Lenovo representative or Business Partner or visit www.lenovo.com/thinksystem. For detailed specs, consult the [SR630 V2 Product Guide](#)



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