

Lenovo ThinkSystem DS6200

Transformational performance,
best-in-class pricing



Speed, Flexibility and Capacity

Designed for I/O intensive applications, the Lenovo ThinkSystem DS6200 SAN array offers breakthrough performance and scale at best-in-class pricing, along with 99.999 percent availability.

The easy-to-use management interface makes complex administrative storage tasks simple, including setup in less than 15 minutes with the Rapid Deployment Wizard. The same interface is used across the DS Series family allowing for flexible IT administration.

The ThinkSystem DS6200 offers connectivity choices and impressive storage capacities. Choose between 12Gb SAS, 8/16Gb Fibre Channel (FC), or 1/10Gb iSCSI to integrate into your existing network. The DS6200 can hold up to 24x 2.5-inch HDDs and SSDs internally, and supports up to 240 drives total. Both LFF and SFF enclosures are supported in the same array and up to nine expansion units can be added to the DS6200 for greater capacity.

For ultimate flexibility, the DS Series supports replication between its new 12Gb platform and first generation S Series systems. This enables you to move your high-performance workloads to the faster-performing DS Series and redeploy the older models as data lakes or replication targets.

Uncompromising Performance

The ThinkSystem DS6200 delivers higher IOPS and low latency through the Rapid Data Placement Engine, at a fraction of the cost of competing solutions. Designed for speed within a cost-optimized architecture, the DS6200 delivers superior cost/GB without compromising performance. It's equipped with storage tiering, high availability, thin provisioning, and other enterprise-class features. This provides your business with a solid foundation to grow, while delivering the best price for performance in its class.

You no longer need to decide between faster access to information and lowering the cost of your IT infrastructure. The ThinkSystem DS6200 allows you to save money while maintaining operational excellence.

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Specifications

Form Factor/Height	2U
Drive Bays	24x 2.5-inch
Maximum Internal Storage	659TB (2.5-inch)
Controllers	Dual (active/active)
Maximum Enclosures	1 node + 9 expansion units; (2U12/2U24); mix-and-match expansion units in an array
Maximum Drives	240 (using 2.5-inch drives and 9 SFF expansion units)
Drive Types Supported (mixed per chassis)	All drives 12Gb SAS: 7,200rpm,10,000rpm,and 15,000rpm HDDs; MLC SSDs; SED HDDs and SSDs
Host Ports (max per controller)	4-port SAS, 4-port FC, 4-port iSCSI, hybrid connectivity (FC/iSCSI)
Performance	Up to 375,000 random-read IOPS; up to 7GBps read throughput; up to 5.5GBps write throughput
RAID Support	RAID 0, 1, 10, 5, 6
Fans and Power Supplies	Hot-swap/redundant
Total Dual Controller Memory	32GB
Max Volumes per System	1024 (up to 128TB each)
Energy Star Certified	Yes
Snapshots	Base 128; optional 512 or 1024
SSD Support/Read Caching	Included
Asynchronous Replication	Optional (iSCSI)
Intelligent Real-Time Tiering	Base HDD; optional HDD+SSD
Warranty	3-year limited warranty, 9x5 next business day, onsite

Why Lenovo

Lenovo is a \$46 billion global Fortune 500 company and a leader in providing innovative consumer, commercial, and enterprise technology. Lenovo enterprise systems deliver industry-leading performance, reliability, and security in virtualized and cloud environments for analytics, database, virtual desktop, infrastructure, and web workloads. Lenovo also offers simplified and extensible systems management tools so you can manage your infrastructure on your own terms. Consistently ranked #1 in reliability and customer satisfaction, the Lenovo enterprise server, storage, and networking portfolio provides the hardware for businesses that never stand still.

For More Information

To learn more about the Lenovo DS6200 SAN array, contact your Lenovo representative or Business Partner or visit: lenovo.com/systems/storage

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