

Lenovo ThinkSystem DS4200

Designed for performance,
optimized for cost



Implement with Confidence

The Lenovo ThinkSystem DS4200 SAN array is performance optimized for primary storage, remote/branch offices, virtualization and backup. Offering 2x the performance of its predecessor, the DS4200 is powered by a Rapid Data Placement Engine and provides industry-leading price/performance and scalability, along with 99.999 percent availability.

Because we know you don't have the time to become a storage expert, the DS4200 comes equipped with an easy-to-use management interface GUI. With the Rapid Deployment Wizard, complex administrative storage tasks become simple, and setup takes less than 15 minutes. The same interface is used across the DS Series family, allowing for flexible IT administration.

Implement with Flexibility

With extreme flexibility and impressive performance and capacity, the DS4200 helps you tame the storage monster. Using 3.5-inch (LFF) or 2.5-inch (SFF) HDDs and SSDs, the DS4200 supports up to 240 drives (using 9 expansion units), as well as mixing LFF and SFF enclosures in the same array.

As your business grows, consider upgrading to the DS6200 for higher performance, additional fabric support, more ports, and more expansion units. No data migration, reestablishing LUNs, or changing licenses is needed with this upgrade.

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 DS Series and redeploy the older models as data lakes or replication targets.

Implement with Value

The ThinkSystem DS4200 is ideal for workloads such as primary storage, virtualized resources, consolidated backup, automated disaster recovery, and other similar-sized workloads. With performance and value in mind, and equipped with enterprise-class features, the DS4200 is designed to fit your needs now and into the future.

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Specifications

Form Factor/Height	2U
Drive Bays	12x 3.5-inch; 24x 2.5-inch
Maximum Internal Storage	2PB (3.5-inch); 1.2PB (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 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
Performance	Up to 235,000 random-read IOPS; up to 7.0GBps 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	16GB
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 ThinkSystem DS4200 SAN Array, contact your Lenovo representative or Business Partner or visit: lenovo.com/systems/storage