Lenovo Storage V5030

Hybrid storage solution with advanced functionality and flexibility

Addressing Rapid Data Growth

The enterprise data storage market is changing at a rapid pace and organizations of all sizes are experiencing IT operational challenges. Businesses now need greater data collaboration, agility and cost efficiency to stay ahead of the competition. The right infrastructure allows clients to share information, secure transactions and drive real-time insights.

Delivering Flexibility and Scalability

To enter the new era of business, organizations need robust storage solutions such as the Lenovo Storage V5030 to provide a comprehensive set of tools that enable unified virtualization, extraordinary scale and simplified management—all designed to support key business initiatives. The new V5030 midrange model provides the flexibility to start small and keep growing while leveraging existing storage investments.

Enterprise Capabilities

Utilizing IBM Spectrum Virtualize™ software at its core, the Lenovo Storage V5030 is a hybrid storage solution that provides improved performance, virtualization capabilities and greater flexibility. Optional advanced features such as Real-time Compression™ and Easy Tier® technology deliver extraordinary levels of efficiency and high performance. Lenovo Storage V Series delivers enterprise capabilities to help handle business-critical applications while controlling costs for growing organizations.

Why Lenovo

Lenovo is the leading provider of x86 systems for the data center. The portfolio includes rack, tower, blade, dense and converged systems, and supports enterprise class performance, reliability and security. Lenovo also offers a full range of networking, storage, software and solutions, and comprehensive services supporting business needs throughout the IT lifecycle.
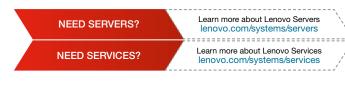
Lenovo Storage V5030

Specifications

Multi products	Lenovo Storage V5030
Single or Dual Controller	Dual
Connectivity (standard)	10Gb iSCSI 1Gb iSCSI
Connectivity (optional)	16Gb FC 12Gb SAS 10Gb iSCSI/FCoE 1Gb iSCSI
Processor	Six-core, twelve-thread
Number of Processors	Two
Cache (per system)	32GB or 64GB
Drives Supported	SFF 2.5-inch disk drives: 300GB, 600GB @ 15,000rpm 900GB, 1.2TB, 1.8TB @ 10,000rpm 2TB @ 7,200rpm NL SAS LFF 3.5-inch disk drives: 300GB, 600GB @ 15,000rpm, SAS (2.5-inch drive in a 3.5-inch drive carrier) 900GB, 1.2TB, 1.8TB @ 10,000rpm, SAS (2.5-inch drive in a 3.5-inch drive carrier) 4TB, 6TB, 8TB @ 7,200rpm SSD 2.5-inch drives: 400GB, 800GB, 1.6TB, 3.2TB
Maximum Drives Supported	Maximum of 504 drives per system with 20 expansion enclosures: Small form-factor enclosure: 24 x 2.5-inch drives Large form-factor enclosure: 12 x 3.5-inch drives
Software	IBM Spectrum Virtualize
User Interface	Web-based GUI

RAID Levels	RAID 0, 1, 5, 6, 10, distributed
Fans and Power Supplies	Fully redundant, hot-swappable
Rack Support	Standard 19-inch
Advanced Functions Included With Each System	• Embedded GUI • Virtualization of internal storage • Thin provisioning • One-way data migration • Dual-system clustering
Additional Available Advanced Functions	• Easy Tier • FlashCopy® • Remote mirroring • Encryption • Real-time Compression • External virtualization
Warranty	3-year limited warranty with optional upgrades available
Control Enclosures	6536C12 Lenovo Storage V5030 LFF Control Enclosure 3-year service and support 6536C32 Lenovo Storage V5030 LFF Control Enclosure 5-year service and support 6536C22 Lenovo Storage V5030 SFF Control Enclosure 3-year service and support 6536C42 Lenovo Storage V5030 SFF Control Enclosure 5-year service and support
Expansion Enclosures	6536N13 Lenovo Storage V5030 LFF Expansion Enclosure 3-year service and support 6536N33 Lenovo Storage V5030 LFF Expansion Enclosure 5-year service and support 6536N23 Lenovo Storage V5030 SFF Expansion Enclosure 3-year service and support 6536N43 Lenovo Storage V5030 SFF Expansion Enclosure 5-year service and support

For More Information

To learn more about the Lenovo Storage V5030, contact your Lenovo representative or Business Partner or visit:
lenovo.com/systems/storage

NEED SERVERS? Learn more about Lenovo Servers
lenovo.com/systems/servers

NEED SERVICES? Learn more about Lenovo Services
lenovo.com/systems/services