

Enterprise SAS Hard Drives

Improved performance and data integrity with SAS-based hard drives



Enterprise Serial Attached SCSI (SAS) hard drives from Lenovo offer the best combination of performance while providing the highest data integrity for server and external storage solutions. The 6 Gbps SAS interface provides double the data transfer rates over the previous generation and provide the scalability required by data centers worldwide.

SAS has become the hard drive interface of choice for enterprise-based storage solutions today. With full duplex, bidirectional I/O, these hard drives offer an average of 135 percent increased performance over SATA-based solutions and puts enterprise-class functionality within financial reach of businesses of all sizes.

In addition to its superior performance, SAS maximizes data integrity with end-to-end IT Nexus checking. This feature helps direct data moving to and from the drive, helping eliminate a key cause of data misdirection and corruption.

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Specifications

	2.5-inch Enterprise SAS hard drives	3/5-inch Enterprise SAS hard drives
Form Factor/ Height	2.5 inch/ 0.583 inch or 14.8 mm	3.5 inch/ 1.028 inch or 26.10 mm
External Transfer Rate	600 MBps	600 MBps
Spindle Speed (RPM)	15,000, 10,000 rpm, 7200 rpm	15,000, 10,000 rpm, 7200 rpm
Cache	Up to 16 MB	Up to 16 MB
Capacity	73 GB up to 600 GB	146 GB up to 2.0 TB
Interface	Serial Attached SCSI (SAS)	Serial Attached SCSI (SAS)
Idle Power (Watts)	2.3 to 4.1	5.6 to 11.68
Workload (power on hours)	8760 or 24x7	5.6 to 11.68
Self-Encrypting Drives	Yes	Yes
Limited Warranty	1 year CRU & On-site 9x5 Next Business Day (NBD)	

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

For More Information

To learn more about Lenovo Enterprise SAS Hard Drives, contact your Lenovo Business Partner or visit:

www.lenovo.com/server/options



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