



Seagate Constellation.2 ST91000640NS 1TB 7200 RPM 2.5" SATA 6.0Gb/s Internal Hard Drive

Special Price
\$99.95 was
~~\$229.95~~

Product Images



Short Description

The Seagate® Constellation.2™ drive is the only 2.5-inch enterprise-class hard drive delivering both 1TB capacities and enterprise reliability at the industry's lowest power consumption for storage-hungry nearline applications. Self-Encrypting Drive (SED) and FIPS 140-2 Validated™ SED security options available to help you protect your data.

Description

Bulk data storage in a small footprint.

The Seagate® Constellation.2™ drive is the only 2.5-inch enterprise-class hard drive delivering both 1TB capacities and enterprise reliability at the industry's lowest power consumption for storage-hungry nearline applications. Self-Encrypting Drive (SED) and FIPS 140-2 Validated™ SED security options available to help you protect your data.

- Maximizes data center footprint with up to 76TB per square foot
- Energy efficient storage at under 3.9 watts (idle)
- Highest nearline reliability with an MTBF of 1.4M hours
- 6Gb/s performance in both SAS and SATA interfaces

Features

Saves energy and money.

Constellation.2™ hard drives deliver the lowest power consumption in the industry. These hard drives also operate at just 3.9W when idle; which can be further reduced to an astounding 1.1W with enhanced PowerChoice™ technology options.

Purpose-built for enterprise environments, PowerChoice is based on the T10-compliant power management standard. This technology enables you to tailor the Constellation.2 hard drive's settings for optimal performance and energy usage. The result: power savings of up to 54% over traditional 3.5-inch drives.

Simply put, Constellation.2 hard drives deliver the lowest power usage ever offered in an enterprise-class nearline drive—without any performance degradation.

Builds better solutions.

System integrators and IT professionals can leverage Constellation.2 hard drive features like these to build optimal data storage solutions:

- Enterprise-class firmware and best-in-class rotational vibration tolerance maximize system availability and performance in multi-drive systems
- Choose 6Gb/s SAS for improved data integrity, scalability over long distances and fastest data access
- The SATA 6Gb/s interface is ideal for fast, economical nearline (Tier2) performance

Self-encryption for optimal ROI.

The TCG-compliant, Self-Encrypting Drive¹ option keeps data secure where it lives: on the hard drive.

Moreover, Seagate Instant SecureErase™ technology renders all data on the SED unreadable in less than a second. This feature eliminates the need to overwrite or physically destroy drives, allowing organizations to securely return, repurpose or sell their hard drives.

¹Self-Encrypting Drives (SED) and FIPS 140-2 Validated drives are not available in all models or countries. May require TCG-compliant host or controller support.

Specifications

Capacity	1TB	500GB	250GB
Form Factor	2.5"	2.5"	2.5"
Interface Options	SATA 6Gb/s, SAS 6Gb/s	SAS 6Gb/s, SATA 6Gb/s	SATA 6Gb/s
Performance			
Spindle Speed (RPM)	7200	7200	7200
Cache (MB)	64	64	64
Transfer Rate, Max Ext (MB/s)	600	600	600
Sustained Data Rate OD			

Additional Information

SKU	ST91000640NS
Weight	2.5000
Color	Black
Storage Type	Hard Drive
Storage Form Factor	2.5"
Storage Capacity	1 TB
Special Price	\$99.95

