

1200 SSD

Product Messaging

Ultra-Fast, Consistent Performance Plus 12Gb/s SAS

The Seagate® 1200 SSD delivers best-in-class performance, 12Gb/s SAS and a rich enterprise feature set for data centre applications which demand superior performance and reliability. This SSD helps close the CPU-storage I/O gap and removes storage bottlenecks to improve overall system performance. Optimising an improved interface speed that helps ensure the highest level of reliability, availability and scalability, it is the first 12Gb/s SAS SSD to ship in volume. The 1200 SSD also leverages Seagate enterprise expertise and manufacturing excellence to deliver the highest levels of data integrity and security, device endurance, manageability, testing and support.

- Designed for demanding enterprise storage and server applications with complex, write-intensive and mixed workloads
- IOPs-hungry enterprise applications, such as high-performance computing, online transaction processing (OLTP) and heavy data analytics
- Especially well-suited for enterprise storage solutions (SAN, NAS, DAS) that demand high data availability and integrity as well as dual port interface failover redundancy



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Why choose the Seagate® 1200 SSD?

- Ultra-fast data access delivers the speed and performance consistency needed for demanding enterprise storage and server applications
- Designed to reduce data access wait times under the most complex, write-intensive, mixed workloads
- First SSD to ship in volume with 12Gb/s SAS while ensuring the highest level of reliability and scalability
- Ensures data availability for critical production systems by using redundant, failover I/O communication paths
- Helps improve ROI by leveraging existing SAS infrastructures and is supported by a vast ecosystem
- Custom-designed controller leverages proven Seagate enterprise expertise, enterprise feature set and manufacturing excellence
- Helps safeguard data against unexpected power loss
- Helps protect data from undetected, unintentional corruption (silent errors)
- Helps ensure data integrity with multiple layers of I/O error detection and correction for high data integrity
- Strong data security with Self-Encrypting Drive (SED) and FIPS SED models^{2,3}

Product Specifications

Model numbers

ST800FM0053^{1,2}, ST800FM0063^{1,2,3},
ST400FM0073^{1,2}, ST200FM0073^{1,2}

Capacities (GB)⁴

800, 400, 200

Interface

12Gb/s SAS

Random read/write command rate
(IOPs) Peak 4KB

Up to 120,000/40,000

¹ Usage-based warranty

² Self-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.

³ FIPS 140-2 in review. See FIPS 140-2 Level 2 Certificate at <http://csrc.nist.gov/groups/STM/cmvp/validation.html>

⁴ One gigabyte, or GB, equals one billion bytes when referring to drive capacity.

60-Word

The Seagate® 1200 SSD is a 2.5-inch enterprise SSD in capacities up to 800GB and designed for data centre applications that demand best-in-class and consistent performance. This SSD delivers the highest levels of data integrity and security as well as endurance. The 1200 SSD is the first 12Gb/s SSD in the industry to ship in volume.

40-Word

The Seagate® 1200 SSD is a 2.5-inch enterprise 12Gb/s SAS SSD in capacities up to 800GB. This drive delivers best-in-class performance and the highest levels of data integrity, data security and endurance for all data centre applications.

20-Word

The Seagate® 1200 SSD, with capacities up to 800GB, delivers best-in-class performance, 12Gb/s SAS and a rich feature set.

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