

Product Overview

Savvio 15K

Boost performance density while cooling systems down

73 GB and 36 GB • 15K RPM • 3 Gb/s Serial Attached SCSI (SAS)

Key Features and Benefits

- **The world's first 15K 2.5-inch drive**—Seagate® Savvio® 15K drives are 70 percent smaller than 3.5-inch 15K drives and enable cooler, faster and much more reliable systems.
- **The fastest drive in the world**—In addition, the Savvio 15K drive's smaller size enables more drives per system, increasing system performance density and allowing more memory in the system to match faster processors.
- **The highest reliability in the world**—A higher reliability rating than any 3.5-inch drive and the best nonrecoverable error rate, improved by a factor of 10, rigorously safeguards data.
- More drives per system than 3.5-inch drives allows RAID 5, or mirroring with hot spares, in 1U servers. Savvio 15K drives bring enterprise-class reliability to blade servers.
- The Savvio 15K drive consumes less power, runs cooler and enables more airflow to cool processors.
- Savvio 15K drive performance enables IT to meet its performance needs in less space and with fewer drives, lowering TCO.



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Product Description

The Savvio 15K drive is the first 15K 2.5-inch drive in the world and provides the highest performance and reliability possible while ensuring ultra-low power consumption. The Savvio 15K drive delivers more performance per U, per GB and per watt than any other drive in the world. The Savvio 15K drive offers the advanced SAS interface and capacities of 36 GB and 73 GB.

The Seagate Advantage

- Seagate pioneered the 2.5-inch enterprise platform with great success. This second-generation drive builds on that success with a new, record-breaking reliability rating and the addition of the 15K-RPM line of Savvio drives.
- The fastest drive in the world. Chosen by HP for their record-breaking TPC performance benchmarks.
- The Savvio 15K drive completes the Seagate 2.5-inch drive portfolio by offering a range of choice of high-capacity 2.5-inch, 146-GB, 10K-RPM drives and the highest-performance 15K spindle speed and seek times.

Specifications	
Capacity (GB)	73, 36
Seek Time, Average Read (ms)	2.9
Reliability Rating at Full 24x7 Operation (AFR)	0.55%
Nonrecoverable Read Errors per Bits Read	1 sector per 10E16
Power Consumption—Idle (W)	5.8
Interface	3-Gb/s SAS
Warranty (years)	5

Best-Fit Applications

The Savvio 15K drive is designed for mainstream enterprise applications:

- Email/collaboration
- Database
- Transaction processing
- Rack and tower servers
- Blade servers
- Storage arrays
- Space-constrained specialty applications

Enabling New Opportunities

- Solution designers value the design flexibility to provide more competitive solutions afforded by the smaller size, lower power consumption, greater performance and greater reliability of Savvio 15K drives.
- The Savvio 15K drive's 70 percent smaller size enables more airflow to cool processors and enables more room for more memory to further increase system performance.
- The Savvio 15K drive provides the performance needed for virtualization and high-access-density applications.
- The Savvio 15K drive provides the highest reliability, ensuring higher uptime in rigorous enterprise environments.
- The Savvio 15K drive provides faster performance than 3.5-inch 15K drives while consuming over 30 percent less power.

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