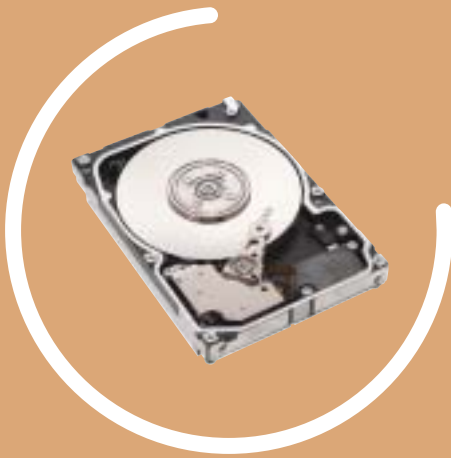


## PRODUCT OVERVIEW

# Savvio 10K.1

2.5-inch enterprise disc drive

Make the smart business decision by choosing Savvio, the industry's first 2.5-inch enterprise drive and the driving force for a new class of high-I/O density storage



## KEY FEATURES AND BENEFITS

- The Savvio™ 2.5-inch form factor enables the integration of more drives into smaller, more space-efficient chassis sizes. The result is higher IOPS/U, along with capacity ideally suited for 1U servers and storage arrays.
- Savvio drives provide 15 percent faster access to data, which combines with its small form factor to yield faster IOPS performance over traditional 3.5-inch systems.
- Savvio 1.4 million hour MTBF delivers 100 percent full duty cycle, enterprise-class reliability, ensuring nonstop operation under the demanding workloads typical of Fortune 2000 companies.
- Compact design and lower power enable greater storage consolidation and improved performance at the power levels comparable to traditional 3.5-inch systems.

## KEY SPECIFICATIONS

- 73- and 36-Gbyte capacities
- 4.1-msec average read and 4.5-msec average write seek times
- Up to 63-Mbytes/sec sustained transfer rate
- 1.4 million hours full duty cycle MTBF
- Serial Attached SCSI (SAS), Ultra320 SCSI and 2 Gbits/sec Fibre Channel interfaces
- 5-year warranty

**“IT professionals require space-saving, high-performance storage solutions to meet the challenges of server and storage consolidation.”**

– Dave Reinsel, IDC

# Savvio 10K.1

2.5-inch enterprise disc drive

## PRODUCT DESCRIPTION

Savvio is the first 2.5-inch enterprise disc drive, making possible a new class of high-I/O, high-density storage solutions. Savvio enables space-constrained Fortune 2000 data centers to achieve higher IOPS performance in small form factor system configurations while maintaining the highest levels of reliability.

## THE SEAGATE ADVANTAGE

- Savvio increases data center efficiency and productivity by improving system-level (both server and storage array) IOPS performance.
- Savvio facilitates rapid consolidation of data center space, yielding significant cost savings.

## SPECIFICATIONS

Capacity (Gbytes)	73, 36
Seek Time, Read/Write (average, msec)	4.1/4.5
Transfer Rate, Sustained (Mbytes/sec)	Up to 63
MTBF, Full Duty Cycle (hours)	1.4 million
Power Consumption (W, idle)	4.8 to 6.8
Interface	Serial Attached SCSI (SAS) Ultra320 SCSI 2 Gb/s Fibre Channel
Warranty (years)	5

## APPLICATIONS

- Rack-optimized 1U and 2U servers
- Server blades
- Rack-optimized storage arrays
- Space-constrained specialty applications

## ENABLING NEW OPPORTUNITIES

Savvio enables RAID 5 in a 1U server, consuming less power and delivering more IOPS than a 3.5-inch 2U server. IDC estimates that in 2003 over two million 1U and 2U servers were shipped worldwide. Assuming a conservative 30 percent market share (600,000 servers, each with five drives) results in a three million disc drive unit/year opportunity for 1U, RAID 5 rack servers.

In addition, IDC further estimates that over 180,000 blade servers shipped worldwide in 2003. That number is projected to increase to over 3 million units over the next five years. Assuming each of those blades incorporates two drives, the potential market opportunities are substantial.

For more information, go to [www.seagate.com](http://www.seagate.com)

### Storage Segments

Network Storage

Server Storage

● High-Density Storage

Nearline Storage

Low-Cost Server

PC Commercial

PC Consumer

Notebook

DVR

Gaming/Audio/Other

Handheld

