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Seagate Savvio 10K.5 900GB Hard Drive (10000rpm) Serial Attached SCSI 64MB (Internal)



The Savvio 10K.5 drive is the highest-capacity 2.5-inch, 10K drive and the first SFF drive platform to offer four capacity points on a single SFF platform. This drive enables OEMs, system builders and end users to improve storage efficiency by providing up to 900GB in a single drive, helping data centres manage more data without increasing the number of drives, all while increasing sustained data rates by 18% (over previous generation) and maintaining favorable power consumption rates. Seagate PowerChoice technology enables OEMs and data centres to tailor systems for performance and power consumption, enabling green IT initiatives. The 2.5-inch small form factor allows end-user enterprises to solve space constraints through higher-density storage.

The Savvio 10K.5 drive reduces system complexity by standardizing on a common form factor, storage interface and encryption technology. This means fewer device types, form factors, interfaces and security technologies need to be deployed, inventoried and managed. OEMs and data centres have the flexibility to maintain or upgrade capacity, transition from 3.5-inch to 2.5-inch form factors, and/or migrate from Fibre Channel to SAS drives in one or more steps. With four capacity points on the same drive platform, the Savvio 10K.5 drive enables easier support for current systems and optimized return on existing investments.

Warranty	Five years.
Barcode	0715663215226
Drive Interface	SAS 6Gb/s
Disk Size	2.5 Inches
Disk Capacity	900GB
Disk Speed	10000RPM
Enclosure type	Internal
Dimensions	7.0cm (W) x 10.05cm (D) x 1.5cm (H) - Weight 0.205kg

Features

- * **Seagate Savvio 10K.5 2.5-inch Hard Disk Drive (Internal)**
- * **900GB Capacity**
- * **Interface: Serial Attached SCSI (SAS)**
- * **64MB cache**
- * **First SFF drive to offer four capacity points on a single platform**
- * **Industry-leading 0.44% AFR for field-proven reliability**
- * **Improves performance for faster data storage and access**



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- * Reduces power consumption and enables green IT initiatives
- * PowerChoice technology for T10-compliant power management enables IT organizations to tailor systems for performance and power consumption
- * Reduces system design, qualification and inventory costs for OEMs
- * Enables data centres to better manage hard drive transitions
- * Protection Information protects against inadvertent data change

Specification

General

The Savvio 10K.5 drive is the highest-capacity 2.5-inch, 10K drive and the first SFF drive platform to offer four capacity points on a single SFF platform. This drive enables OEMs, system builders and end users to improve storage efficiency by providing up to 900GB in a single drive, helping data centres manage more data without increasing the number of drives, all while increasing sustained data rates by 18% (over previous generation) and maintaining favorable power consumption rates. Seagate PowerChoice technology enables OEMs and data centres to tailor systems for performance and power consumption, enabling green IT initiatives. The 2.5-inch small form factor allows end-user enterprises to solve space constraints through higher-density storage.

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Hard Disk

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Data Buffer/RAM	64MB
Platters	3
Heads	6
Bytes per Sector	512

Performance

Data Transfer Rates	600MB/s
Average Seek Time	3.7ms
Seek Time (Track to Track)	Read: 0.2ms Write: 0.4ms
Average Latency	3.0ms

Electrical

Power Requirement Idle (Ready)	4.4Watts
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Environmental

Acoustics (Idle Mode)	3.0dB
Operating Temperature	5 to 55C
Non Operating Temperature	-40 to 70C
Temperature Gradient	20C per hour
Vibration (Operating)	0.5Gs
Vibration (Non-Operating)	3.0Gs

Physical

Enclosure type	Internal
Dimensions	7.0cm (W) x 10.05cm (D) x 1.5cm (H) - Weight 0.205kg



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About Memory Express

Although we started out selling just Memory the best part of fifteen years ago, we have diversified organically over the years at the request of our customers. We specialise in Networking, Storage and Disaster Recovery and have the knowledge, experience and strategic partnerships to provide you with the service and value you demand - quality products, reasonably priced and delivered on time.

Memory Express can offer you a full range of installation and configuration services for hardware and software as well as detailed, accurate advice on all aspects of your IT projects. You'll be glad to know that we don't have a room full of school leavers trying to sell products they don't understand - all our staff are seasoned IT specialists and have an average length of service of over ten years. We won't just push you towards the solution we feel like selling; we'll help you to find the one you need.

Meanwhile, online, we offer one of the largest product ranges of any UK IT supplier. Showing near live stock, in depth product information and keen pricing, we're sure you'll find what you need. We also have matched memory upgrades for over 50,000 models of computer, server, printer, phone and camera, guaranteeing you the right memory, first time. All this is backed up by the same great service you'd expect when dealing with us over the phone. For our regular business customers, we provide T3, our corporate purchasing portal which provides a truly corporate focused buying experience.

We're conveniently located in Park Royal, London's Technology Business Park, allowing us to reach all areas of the UK quickly and efficiently. Many of our City based corporate clients benefit from same day delivery and we can offer next day delivery to established customers throughout the British Isles. Online delivery tracking and status information means that you need not worry about the whereabouts of your order.

We're proud to have built up a wide variety of partnerships with quality vendors and many of our staff hold certifications from top tier manufacturers including Microsoft, Acronis, Symantec and VMWare.

Our clients vary in size from SMEs to many of the UK's largest corporates, government departments, schools and universities, and we're pleased to say that most have been our customers for many, many years - we believe in long term business relationships, not turning a quick profit. Why not contact us now to see how we can help you get the quality of service they already enjoy?