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Seagate Savvio 15K.3 146GB Hard Drive (15000rpm) 6Gb/s SAS 16MB (Internal)

Seagate
We turn on ideas

The Seagate Savvio 15K.3 drive enables OEMs to build solutions that help data centres process more transactions within a given time frame and meet IT service level agreements. This helps companies increase revenue generation, improve customer satisfaction and complete critical business processes faster while keeping data safe. It also provides the performance benefits needed to entice customers to migrate from legacy, 3.5-inch drives to higher-performing 2.5-inch drives.

The Savvio 15K.3 drive enables Tier 1 applications to read and write both random and sequential data faster. Data centres can store and access important random data up to 10% faster and sequential data up to 21% faster over previous generations, enabling them to process more transactions within a given time period. Best-Fit Applications: High-performance Tier 1 enterprise servers that manage hot and warm data; Blade, rack and tower servers hosting transaction-based applications with many simultaneous, random data read requests (banking, e-commerce, reservation systems, etc); Power- and space-constrained data centres; Green IT and drive retirement cost reduction initiatives; Compliance and data security initiatives; Enterprises transitioning from legacy 3.5-inch hard drive-based systems to higher-performing, smaller 2.5-inch hard drive-based solutions.

Warranty	Five years.
Drive Interface	SAS 6Gb/s
Disk Size	2.5 Inches
Disk Capacity	146.8GB
Disk Speed	15000RPM
Enclosure type	Internal
Dimensions	7.0cm (W) x 10.05cm (D) x 1.5cm (H) - Weight 0.193kg

Features

∗ **146.8GB Capacity**

∗ **64MB cache**

∗ **15,000 RPM spindle speed**

∗ **Improves scalability and reliability with 6Gb/s SAS interface support**

∗ **Stores twice the amount of Tier 1 data without increasing the total number of drives**

∗ **Enables Tier 1 applications to process more transactions within a given time period to help increase revenue generation, improve customer satisfaction and complete critical business processes faster**

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∗ **20% improved annualized failure rate (0.44% AFR) with third-generation, field-proven reliability**

∗ **Provides up to 21% improvement in sequential data read-write performance over prior generation**

∗ **Delivers up to 3% faster random read and up to 4% faster random write performance vs. prior generation; up to 10% faster random read and up to 8% faster random write performance vs. legacy 3.5-inch, 15K drives1**

∗ **Helps protect data from corruption during the storage process and from exposure should the device be lost, stolen or retired2**

∗ **Reduces system complexity, and OEM design and data centre operating costs**

Specification

General

The Seagate Savvio 15K.3 drive enables OEMs to build solutions that help data centres process more transactions within a given time frame and meet IT service level agreements. This helps companies increase revenue generation, improve customer satisfaction and complete critical business processes faster while keeping data safe. It also provides the performance benefits needed to entice customers to migrate from legacy, 3.5-inch drives to higher-performing 2.5-inch drives.

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Disk Speed	15000RPM
Data Buffer/RAM	64MB
Platters	1
Heads	2

Performance

Data Transfer Rates	600MB/s
Average Seek Time	3.1ms
Seek Time (Track to Track)	Read: 0.2ms Write: 0.4ms
Average Latency	2.0ms

Electrical

Power Requirement Spin Up (Max)	7.41Watts
Power Requirement Idle (Ready)	3.86Watts

Environmental

Acoustics (Seek Mode)	3.4dB
Acoustics (Idle Mode)	3.3dB
Operating Temperature	5 to 55C
Non Operating Temperature	-40 to 70C
Temperature Gradient	20C per hour
Vibration (Operating)	0.5Gs
Vibration (Non-Operating)	2.4Gs
Shock (Operating)	60Gs for 2ms
Shock (Non Operating)	300Gs for 2ms

Physical

Enclosure type	Internal
Dimensions	7.0cm (W) x 10.05cm (D) x 1.5cm (H) - Weight 0.193kg

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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?