

# Seagate Savvio 300GB SAS (ST9300553SS)

Savvio 300GB SAS, 6.35 cm (2.5 ") , 6 Gb/s, 15000rpm, 64MB, 200g, Encryption, Black



## Price details:

Price excl. VAT: 255.49 €

Eco fees: 0.00 €

VAT 21 %: 53.65 €

## Product details:

Product code: ST9300553SS

EAN: 7636490048241

Manufacturer: Seagate

**309.14 €**

\* VAT included

PDF generated on: 17 January, 2016



Product is discontinued. You can not order it anymore.

The Seagate Savvio 15K.3 drive enables OEMs to build solutions that help data centers 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.

## Key Features and Benefits

- Doubles Tier 1 data storage capacity (up to 300 GB).
- 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, and up to 10% faster random read and up to 8% faster random write performance vs. legacy 3.5-inch 15K drives.
- Improves scalability and reliability with 6Gb/s SAS interface support.
- Supports Protection Information (PI) to help ensure data is not changed from what the user created-from the moment the data is created throughout the life of the data.
- Improves reliability by up to 20% with an annualized failure rate (AFR) of 0.44%.
- Instant Secure Erase feature cryptographically erases the data encryption key, thereby helping to protect data should drives be lost, stolen or retired.
- Eases transition from legacy 3.5-inch, 15K drives to next-generation 2.5-in, 15K drives.
- Unified Storage architecture minimizes system complexity and reduces operating costs.
- Self-Encrypting Drive (SED) option helps data centers be compliant with corporate and federal data security mandates.

## Main specifications:

### Hard drive

|                                    |                            |
|------------------------------------|----------------------------|
| Hard drive interface:              | Serial Attached SCSI (SAS) |
| Hard drive capacity:               | 300 GB                     |
| Hard drive size:                   | 2.5 "                      |
| Hard drive speed:                  | 15000 RPM                  |
| Drive device, buffer size:         | 64 MB                      |
| Write seek:                        | 3.1 ms                     |
| Read seek:                         | 2.7 ms                     |
| Average latency:                   | 2 ms                       |
| Hard disk number of heads:         | 4                          |
| Mean time between failures (MTBF): | 2000000 h                  |

### Power

|                              |          |
|------------------------------|----------|
| Power consumption (typical): | 7.92 W   |
| Power consumption (idle):    | 4.25 W   |
| Input voltage:               | 5 - 12 V |
| Start-up current:            | 1.04 A   |

### Operational conditions

|                              |             |
|------------------------------|-------------|
| Operating temperature (T-T): | 5 - 55 °C   |
| Storage temperature (T-T):   | -40 - 70 °C |
| Operating shock:             | 60 G        |
| Non-operating shock:         | 300 G       |
| Operating vibration:         | 0.5 Gs G    |
| Non-operating vibration:     | 2.4 Gs G    |

#### Weight & dimensions

|         |           |
|---------|-----------|
| Width:  | 70.10 mm  |
| Height: | 15 mm     |
| Depth:  | 100.45 mm |
| Weight: | 200 g     |

#### Other features

|                              |          |
|------------------------------|----------|
| Internal:                    | Y        |
| Data transfer rate:          | 6 Gbit/s |
| Sustained data rate:         | 202 MB/s |
| Acoustic pressure emissions: | 3.35 dB  |

\*PLEASE NOTE: Every effort has been made to ensure the accuracy of all information contained herein. Lasystems makes no warranty expressed or implied with respect to accuracy of the information, including price, editorials or specifications. Lasystems or its suppliers shall not be liable for incidental, consequential or special damages arising from, or as a result of, any electronic transmission or the accuracy of the information contained herein, even if Lasystems has been advised of the possibility of such damages. Product and manufacturer names are used only for the purpose of identification.