ComX Computers
Product Specification Sheet

ST3000NM0033

Seagate Constellation ES.3 Series, 3TB Serial ATA III (SATA3) Plus RAID Drive

Product Overview

Seagate Constellation ES.3 Series, 3TB Serial ATA III (SATA3) Plus RAID Drive, 6Gbps With 128MB Cache @ 7200RPM



Specifications

Overview

The Seagate Enterprise Capacity 3.5 HDD V.3 (formerly Constellation ES.3) delivers the scalability that data centers need to reliably meet their demanding growth of unstructured data. The Seagate Enterprise Capacity 3.5 HDD V.3 (formerly Constellation ES.3) delivers the scalability that data centers need to reliably meet their demanding growth of unstructured data.

Features

Maximize your data footprint
The Constellation ES.3 features the world's largest capacities in a 3.5-inch form factor. Build cost-effective maximum capacity storage solutions with enterprise-class, 7200-RPM drives in capacities up to 4TB. Select from sixth-generation SAS or SATA interfaces for easy integration.

24x7 energy-efficient data access
Among 3.5-inch form factor drives, the Constellation ES.3 features the lowest operating power in the industry-less than 10.68W on average. Additionally, Constellation ES.3 hard drives further power reductions with enhanced PowerChoice™ technology. Purpose-built for enterprise environments, the PowerChoice feature enables the T10-compliant power management standard, allowing organizations to tailor systems for optimal energy usage resulting in up to 90% more power savings.

Drive reliability you can trust.
The Constellation ES.3 provides enhanced error correction, super-parity and end-to-end SAS-based data integrity for accurate data storage each and every time. With its robust 7200-RPM performance, ramp load technology and a humidity sensor for optimum performance, it's the perfect solution for maximizing your enterprise system availability. Powered by our multi-drive firmware and enhanced rotational vibration tolerance, the Constellation ES.3 can help to ensure consistent and reliable performance. In addition, protect data where it lives-on the drive- with our Self-Encrypting Drive option with FIPS 140-2 and Seagate Instant Secure Erase.

Specifications

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Specifications	

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Specifications	
Product Code	ST3000NM0033
Capacity	3TB
Form Factor	3.5"
Interface Options	SAS 6Gb/s, SATA 6Gb/s
Performance	
Spindle Speed (RPM)	7200
Cache (MB)	128
Transfer Rate, Max Ext (MB/s)	600
Sustained Data Rate OD	175MB/s
Average Latency (ms)	4.16
Seek, Typical Operating (W)	
Idle, Typical Operating (W)	6.74, 6.73
Temperature	
Operating	5 degrees to 60 degreesC
Non-operating	-40 degrees to 70 degreesC
Shock	
Operating: Gs (ms)	70/40 (2ms)
Non-operating: Gs (ms)	300 (2ms)
Acoustics (bels - sound power)	
Idle	2.8
Operating	3
Length (in/mm)	
Height (in/mm) (maximum)	1.028/26.10
Width (in/mm) (maximum)	4.010/101.85
Length (in/mm) (maximum)	5.787/147.00
Weight (lb/g)	1.444/655

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/ST3000NM0033-Seagate-Constellation-ES-3-Series-3TB-Serial-ATA-III-SATA3-Plus-RAID-p-76512.php

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