

HD-SN500SAS

Seagate Constellation ST9500620SS 500GB 2.5"/15mm SAS6G Hard Drive with PowerChoice

Product Overview

Seagate ST9500620SS - 500Gb, 2.5" 15mm, SAS6G/SATA6G, on-demand power savings with PowerChoice, 7200rpm, 64mb cache, designed for 24x7 digital video surveillance or business-critical applications (SAN, NAS, video surveillance... ETC)



Specifications

Features:

Reduce Footprint. Increase Capacity. Lower Costs.

Store large amounts of data without using a ton of space with up to 2TB of storage on a 2.5-inch form factor.

- Quickly access high integrity data in a secure manner with either 12Gb/s SAS or SATA 6Gb/s
- Enjoy peace of mind with this third-generation drive delivering enterprise-class reliability for 24x7 environmental robustness
- Lower your power costs and store data faster with over 50% improvement in watts/TB, and 18% sequential performance improvement compared to the previous generation
- Rest easy with maximum system availability and drive performance as a result of improved rotational vibration tolerance and head micro-actuation

Unparalleled HDD Power Savings

Enterprise Capacity 2.5 HDDs reduce per-gigabyte cooling and energy costs by packing high capacities into an SFF, low-power-consumption drive. Included Seagate® PowerChoice™ technology can further reduce energy costs by empowering IT organisations to tailor systems for optimal performance and power consumption. This results in power savings of up to 35% over traditional 3.5-inch drives, and potentially operating at low as 1.1 watts when idle. PowerChoice is based on the T13- and T10-compliant power management standard.

Big Storage for Small Spaces

Enterprise Capacity 2.5 HDDs can help you deploy additional enterprise storage without expanding your data centre. With its 15mm z-height, the 2TB model is the third generation of the leading 2.5-inch hard drive capacity-optimised for dense, space-constrained data centres. This model can help you store twice as much data in the same footprint. Also features for nearline storage:

- Enterprise-class firmware and best-in-class rotational vibration tolerance maximise system availability and performance in multi-drive systems
- 12Gb/s SAS for improved data integrity, and scalability over long distances with fastest data access
- The SATA 6Gb/s interface is ideal to maximise for fast, economical bulk data storage

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Product Specification Sheet

Specifications:

Generation	Constellation.2
Capacity	500GB
Interface	SAS 6Gb/s
Spin Speed	7200 RPM
Cache	64 MB
Storage Type	HDD
Areal Density	417
Maximum Operating Shock	25 Gs
Maximum Length	100.45 mm
Maximum Width	70.1 mm
Maximum Height	15 mm
Typical Weight	183 g
Annualised Failure Rate (AFR)	0.0062
Operating (drive case, max)	60 degreesC
Average Operating Power	5.48 W

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/HD-SN500SAS-Seagate-Constellation-ST9500431SS-2-5-15mm-Buy-p-48182.php>

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