ST500DM002

Seagate Barracuda 7200.12 Series - 500GB Hard Drive

Product Overview

Seagate Barracuda 7200.14 Series - 500GB Serial ATA III - Serial ATA 6Gbps With 16MB Cache @ 7200RPM - NCQ



Specifications

Overview:

The Seagate Barracuda 7200.12 hard drive combines proven technology and components with industry-leading manufacturing expertise to deliver 500GB of sustainable desktop storage with 32-MB cache.

By combining sustainable Seagate technology and components with industry-leading volume manufacturing, the Seagate Barracuda 7200.12 drive delivers 500GB of green, low-power yet high-performance, desktop storage.

This versatile drive family, also available in capacities of 750-GB with 32-MB cache, 500-GB with 16-MB cache, and 320, 250 and 160-GB-all with 8-MB cache, is ideal for desktop applications such as workstations, desktop RAID, gaming PCs, high-end PCs, mainstream PCs and USB/FireWire/eSATA external storage.

Features:

- Sustainable technology for a green world: Typically 70 percent or more of the materials used to build the drive is recycled. Complies with the RoHS directive
- 12th generation of the world's most popular desktop hard drive
- Ships with the most reliable and proven perpendicular magnetic recording technology
- Delivers high performance: 160-MB/s maximum sustained data rate; Up to 3 Gb/s instantaneous burst; + 32-MB cache on 1-TB and 750-GB drives, 16-MB cache on 500-GB drives, 8-MB cache on 320, 250- and 160-GB drives

Specifications

Model Number	ST3500418AS
Interface	SATA 3Gb/s
Cache	16MB
Capacity	500GB
Areal density (avg)	329Gb/in2

Guaranteed Sectors	976, 773, 168
PHYSICAL	
Height	19.98mm
Width	101.6mm
Length	146.99mm
Weight (typical)	415g
PERFORMANCE	
Spin Speed (RPM)	7, 200 RPM
Average latency	4.16ms
Random read seek time	
Random write seek time	
POWER	
Maximum start current, DC	2.0

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/ST500DM002-Seagate-Barracuda-7200-12-Series-500GB-Hard-Drive-p-56783.php

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