ComX Computers
Product Specification Sheet

ST1000DM003

Seagate Barracuda 7200RPM 1TB Hard Drive

Product Overview

Seagate Barracuda 7200RPM 1TB Hard Drive, 64MB Cache, SATA 6GB/S, OptiCache technology, Seagate AcuTrac technology, industry-leading acoustics and low power levels.



Specifications

Overview:

Combining state-of-the-art technology and industry-leading manufacturing expertise, the Seagate Barracuda 7200.12 drive-the 12th generation of this award-winning desktop hard drive family-delivers 320 GB of high-performing, eco-friendly digital storage. Designed with industry-leading acoustics and low power levels.

Features:

Barracuda hard drives give you what you want.

- Count on Barracuda drives to deliver the storage innovations that drive your costs down and your performance up.
- 7200 RPM performance-from 250GB all the way up to 3TB.
- OptiCache technology further exploits big 64MB cache sizes and improved micro processor capabilities.
- SATA 6Gb/s technology to further maximize performance.

Maximizes hard drive storage densities.

- Barracuda 1TB-per-disk technology incorporates 340,000 unique tracks in the width of a single inch. This incredible storage density drives new capacity possibilities and lowers your total storage costs.
- Seagate AcuTrac technology enables new storage densities with accurate reading and writing to nano-sized tracks that are only 75 nanometers wide! That's about 500 times smaller than the period at the end of this sentence.

Green where it counts.

- Barracuda 1TB-per-disk hard drives now have advanced power modes to save more energy while in idle states-without sacrificing performance.
- Barracuda desktop drives are produced using the most sophisticated manufacturing process in the industry, with a focus on environmental stewardship.
- Barracuda drives comply with the RoHS directive on hazardous materials and voluntarily restrict halogen compounds.

- 70% or more of the materials used to build Barracuda drives are recyclable.
- Low power consumption.

Your no-hassle transition to 4K sectors.

- Are you worried about moving to Advanced Format 4K sector technology? You don't have to be with Barracuda drives.
- Seagate SmartAlign technology makes this transition a snap:
- No utilities to run.
- No extra integration steps to take up your time.

Specifications:

Model Number	ST1000DM003
Interface	SATA 6Gb/s
Cache	64MB
Capacity	1TB
Areal density (avg)	625Gb/in2
Guaranteed Sectors	1, 953, 525, 168
PHYSICAL	
Height	20.17mm
Width	101.6mm
Length	146.99mm
Weight (typical)	400g
PERFORMANCE	
Spin Speed (RPM)	7200 RPM
Average latency	4.16ms
Random read seek time	
Random write seek time	
RELIABILITY	
Annual Failure Rate	
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/ST1000DM003-Seagate-Barracuda-7200RPM-1TB-Hard-Drive-p-55561.php

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