

ST1000DM014

Seagate Barracuda 1TB 3.5" SATA 6Gb/s 256MB Cache 7200rpm Hard Disk Drive

Product Overview

Seagate Barracuda 1TB 3.5" SATA 6Gb/s 256MB Cache 7200rpm Hard Disk Drive, ST1000DM014, 4096 bytes per Sector, 220MB/s Max sustained Data rate OD read, SMR recording technology



Specifications

Specifications:

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Specifications	
Product Code	ST1000DM014
Specifications	
Standard Model Number	ST1000DM014
Bytes per Sector	4096
Performance	
Interface	SATA 6Gb/s
SATA Transfer Rates Supported (Gb/s)	6.0/3.0/1.5
Max Sustained Data Rate, OD Read (MB/s)	220MB/s
Cache, Multisegmented (MB)	256MB
Rotational Speed (RPM)	7200RPM
Recording Technology	SMR
Reliability/Data Integrity	
Load/Unload Cycles	600000

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Product Specification Sheet

Nonrecoverable Read Errors per Bits Read, Max	1 per 10E14
Power-On Hours (per year)	2400
Workload Rate Limit (TB/Year)	55
Power Management	
Startup Power (A)	2.0A
Operating Mode, Typical (W)	5.1
Idle Average (W)	3.9W
Standby Mode/Sleep Mode, Typical (W)	0.3/0.3
Voltage Tolerance, Inc. Noise (5V)	+/-5%
Voltage Tolerance, Inc. Noise (12V)	+/-10%
Environmental/Temperature	
Operating (ambient, min)	0 degreesC
Operating (drive case, max)	60 degreesC
Nonoperating (ambient)	-40 degreesC - 70 degreesC
Halogen Free	Yes
RoHS Compliance	Yes

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/ST1000DM014-Seagate-Barracuda-1TB-3-5-SATA-6Gb-s-256MB-Buy-p-286509.php>

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