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Barracuda 500GB Hard Drive

Capacity

500GB

Interface

SATA 6Gb/s

Spin Speed (RPM)

7200

Model ST500DM002   SATA 6Gb/s   500GB   7200

Where to Buy

Overview   **Specifications**   **Support**

Barracuda 500GB Hard Drive

ST500DM002

Useful Links:

Barracuda SATA Product Manual

SPECIFICATIONS	
Model Number	ST500DM002
Interface	SATA 6Gb/s
Cache	16MB
Capacity	500GB
Areal density (avg)	329Gb/in^2
Guaranteed Sectors	976,773,168
PHYSICAL	
Height	19.98mm (0.787 in)
Width	101.6mm (4.000 in)
Length	146.99mm (5.787 in)
Weight (typical)	415g (0.925 lb)
PERFORMANCE	
Spin Speed (RPM)	7200 RPM
Average latency	4.16ms
Random read seek time	<8.5ms
Random write seek time	<9.5ms
RELIABILITY	
Annual Failure Rate	<1%
POWER	
Maximum start current, DC	2.0

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