



Seagate Constellation 500GB SATA, 7200rpm 3.5" Serial ATA

Brand : Seagate

Product family: Constellation

Product code: ST500NM0031

Product name : 500GB SATA,
7200rpm

Constellation 500GB SATA, 3.5", 7200rpm, 6 GB/s, 64MB, Encryption, 640g, Silver/Black
Seagate Constellation 500GB SATA, 7200rpm. HDD size: 3.5", HDD capacity: 500 GB, HDD speed: 7200 RPM



Features

HDD size *	3.5"
HDD capacity *	500 GB
HDD speed *	7200 RPM
Interface *	Serial ATA
Storage drive buffer size	64 MB
Read seek time	8.5 ms
Write seek time	9.5 ms
Average latency	4.16 ms
Mean time between failures (MTBF)	1200000 h

Power

Power consumption (typical)	7.26 W
Power consumption (read)	6.47 W
Power consumption (write)	5.31 W
Power consumption (idle)	4.56 W
Operating voltage	5 / 12 V
Start-up current	1.90 A

Operational conditions

Operating temperature (T-T)	5 - 60 °C
Storage temperature (T-T)	-40 - 70 °C
Operating vibration	0.25 Gs
Non-operating vibration	4.9 Gs
Operating shock	70 G
Non-operating shock	350 G

Weight & dimensions

Width	101.8 mm
Height	26.1 mm
Depth	147 mm
Weight	640 g

Other features

Sustained data rate	150 MB/s
Acoustic pressure emissions	2.8 dB
Internal	✓
Data transfer rate	6 Gbit/s
Weight (imperial)	0.64 kg (1.41 lbs)

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