

## Seagate Constellation 1TB SAS, 7200rpm 3.5"

**Brand :** Seagate

**Product family:** Constellation

**Product code:** ST1000NM0021

**Product name :** 1TB SAS,  
7200rpm

Constellation 1TB SAS, 3.5", 7200rpm, 6 GB/s, 64MB, Encryption, 640g, Silver/Black  
Seagate Constellation 1TB SAS, 7200rpm. HDD size: 3.5", HDD capacity: 1 TB, HDD speed: 7200 RPM



### Features

HDD size *	3.5"
HDD capacity *	1 TB
HDD speed *	7200 RPM
Interface *	SAS
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)	6.97 W
Power consumption (read)	10.43 W
Power consumption (write)	10.15 W
Power consumption (idle)	5.16 W
Operating voltage	5 / 12 V
Start-up current	1.93 A

### Operational conditions

Operating temperature (T-T)	5 - 60 °C
Storage temperature (T-T)	-40 - 70 °C
Operating vibration	0.5 Gs
Non-operating vibration	2 Gs
Operating shock	70 G
Non-operating shock	300 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	2.7 dB
Internal	✓
Data transfer rate	6 Gbit/s

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