



Seagate Constellation ES 7200.1 1TB internal hard drive 7200 RPM 32 MB 3.5" SATA

Brand : Seagate

Product family: Constellation

Product code: ST31000524NS

Product name : Constellation
ES 7200.1 1TB

Constellation ES 7200.1 1TB, SATA II, 7200 RPM, 32MB, 3.5"

[Seagate Constellation ES 7200.1 1TB internal hard drive 7200 RPM 32 MB 3.5" SATA:](#)

Constellation™ ES is the fourth generation 3.5-inch drive for enterprise 7200-RPM environments enabling cost-effective, highly efficient enterprise storage with highest capacities, best-in-class reliability, leading 6Gb/s performance, optimized power and cooling and government grade security backed by Seagate's Enterprise service and support.

With its lowest power consumption and highest temperature tolerance, it optimizes chassis performance in tiered storage solutions. The only drive offering a choice of traditional 3Gb/s enterprise SATA interface for seamless enterprise integration or the industry leading 6Gb/s SAS enterprise interface for a more reliable, scalable and sustainable high performance enterprise solution.

Seagate Constellation ES 7200.1 1TB. Hard drive capacity: 1 TB, Hard drive rotational speed: 7200 RPM, Storage drive buffer size: 32 MB, Hard drive size: 3.5", Host interface: SATA



Features

Hard drive capacity *	1 TB
Hard drive rotational speed *	7200 RPM
Storage drive buffer size *	32 MB
Hard drive size *	3.5"
Host interface *	SATA
Type *	HDD
Read seek time	8.5 ms
Write seek time	9.5 ms
Average latency	4.16 ms
Bytes per sector	512
Start/stop cycles	300000
Mean time between failures (MTBF)	1200000 h

Power

Operating voltage	5 / 12 V
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Operational conditions

Operating temperature (T-T)	5 - 60 °C
Storage temperature (T-T)	-40 - 70 °C
Operating shock	70 G
Non-operating shock	300 G

Weight & dimensions

Width	101.6 mm
Height	26.1 mm
Depth	147 mm
Weight	640 g

Other features

HDD transfer rate	140 Mbit/s
Power requirements	+12V, +5V
Internal	✓

Catalog Object Cloud



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