

Seagate Constellation ES.3 1TB, SED 3.5" Serial ATA III

Brand : Seagate **Product family:** Constellation **Product code:** ST1000NM0053

Product name : ES.3 1TB, SED

Constellation® ES.3 1TB, 7200rpm, 128MB, SATA 6Gb/s, SED

[Seagate Constellation ES.3 1TB, SED 3.5" Serial ATA III:](#)

The Seagate® Constellation® ES.3 enterprise HDD delivers the scalability that data centres need to meet their demanding growth of unstructured data reliably.

- Highest-capacity enterprise drive, up to 4TB for maximum density server and storage solutions
- Perfect for reliable, 24x7 bulk data storage
- Predictable 7,200-rpm performance even in the most rugged multi-drive SAS or SATA environments
- Best-in-class energy efficiency with low power and cooling requirements

Seagate Constellation ES.3 1TB, SED. HDD size: 3.5", HDD capacity: 1 TB, HDD speed: 7200 RPM



Features		Operational conditions	
HDD size *	3.5"	Operating temperature (T-T)	5 - 60 °C
HDD capacity *	1 TB	Storage temperature (T-T)	-40 - 70 °C
HDD speed *	7200 RPM	Non-operating vibration	0.25 G
Interface *	Serial ATA III	Operating shock	70 G
Component for *	NAS	Non-operating shock	300 G
Storage drive buffer size	128 MB	Weight & dimensions	
Average latency	4.16 ms	Width	101.8 mm
Bytes per sector	512	Height	26.1 mm
Mean time between failures (MTBF)	1400000 h	Depth	147 mm
Power		Weight	605 g
Power consumption (typical)	8.08 W	Other features	
Power consumption (idle)	4.45 W	Power requirements	+12V & +5V
Operating voltage	5 / 12 V	Internal	✓
		Data transfer rate	6 Gbit/s

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