



Seagate Constellation 2000GB HDD 2 TB Serial ATA II

Brand : Seagate

Product family: Constellation

Product code: ST32000644NS

Product name : 2000GB HDD



Seagate Constellation ES SATA 3Gb/s 2-TB

[Seagate Constellation 2000GB HDD 2 TB Serial ATA II:](#)

Constellation ES drives offer the world's highest capacity at 2TB while providing enterprise robustness for Tier 2/nearline environments. They are differentiated from 3.5-inch desktop drives by offering enterprise-class reliability and superior data integrity with a UER of 1E10-15. Enterprise-class rotational vibration tolerance provides robust protection from chassis and fan vibrations (RV 12.5 rad/sec 20 to 1500Hz). The drives are offered with either a 3-Gb/s SATA interface or a 6-Gb/s SAS 2.0 interface for superior data protection at industry-leading speeds, along with optional power saving modes with PowerChoice

Seagate Constellation 2000GB HDD. HDD capacity: 2 TB, HDD speed: 7200 RPM

Features		Power	
HDD capacity *	2 TB	Power consumption (idle)	6.39 W
HDD speed *	7200 RPM	Operating voltage	5 / 12 V
Interface *	Serial ATA II	Operational conditions	
Type *	HDD	Operating temperature (T-T)	5 - 60 °C
Storage drive buffer size	64 MB	Operating vibration	0.25 G
HDD sustained transfer rate	140 MiB/s	Non-operating vibration	4.9 G
Read seek time	8.5 ms	Operating shock	70 G
Write seek time	9.5 ms	Non-operating shock	300 G
Average latency	4.16 ms	Weight & dimensions	
Bytes per sector	512	Width	101.8 mm
Mean time between failures (MTBF)	1200000 h	Height	26.1 mm
Power		Depth	147 mm
Power consumption (read)	9.03 W	Weight	710 g
Power consumption (write)	7.8 W	Packaging data	
		Quantity	1

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Publication date: 08-JAN-2024. Prints or copies of Information are only valid on the printed Publication date