

Seagate Desktop HDD 300GB HDD 3.5" Serial ATA

Brand : Seagate

Product family: Desktop HDD

Product code: ST3300831AS

Product name : 300GB HDD

300GB HDD, SATA 1.5Gb/s, 7200rpm, 8Mb

[Seagate Desktop HDD 300GB HDD 3.5" Serial ATA:](#)

Seagate Barracuda 7200.8 drives with SATA and native command queuing (NCQ) provide top-performing, reliable storage for high-end PCs and advanced applications, backed up by an industry-leading five-year warranty. Their best-in-class combination of capacity, performance and support ideally suit them for ATA-based servers, low-cost NAS, and digital enthusiast PC systems. Seagate's proven NCQ technology enhances system performance and reliability while also making system integration easier.

- Capacity:300 GB

- Speed:7200 rpm

- Seek time:8 ms avg

- Interface:SATA 1.5Gb/s

Seagate Desktop HDD 300GB HDD. HDD size: 3.5", HDD capacity: 300 GB, HDD speed: 7200 RPM



Features		Operational conditions	
HDD size *	3.5"	Operating temperature (T-T)	0 - 60 °C
HDD capacity *	300 GB	Storage temperature (T-T)	-40 - 70 °C
HDD speed *	7200 RPM	Operating relative humidity (H-H)	5 - 90%
Interface *	Serial ATA	Storage relative humidity (H-H)	5 - 95%
Type *	HDD	Operating vibration	0.5 G
Storage drive buffer size	8 MB	Non-operating vibration	5 G
Average seek time	8 ms	Operating altitude	-60.96 - 3048 m
Average latency	4.16 ms	Non-operating altitude	-60.96 - 12192 m
Bytes per sector	512	Operating shock	63 G
Start/stop cycles	50000	Non-operating shock	300 G
Power		Weight & dimensions	
Power consumption (typical)	12.4 W	Width	101.8 mm
Power consumption (standby)	1.4 W	Height	26.1 mm
Power consumption (read)	12.8 W	Depth	147 mm
Power consumption (write)	12.8 W	Weight	635 g
Power consumption (idle)	7.2 W		
Operating voltage	5 / 12 V		
Start-up current	2.8 A		

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