



## Seagate S-series 2.5" 320GB 2.5" Serial ATA

**Brand :** Seagate

**Product family:** S-series

**Product code:** ST320LM001

**Product name :** 2.5" 320GB



2.5", 320GB, SATA 3.0 Gbps, 5400 rpm, 16MB Buffer

[Seagate S-series 2.5" 320GB 2.5" Serial ATA:](#)

The Seagate Momentus 2.5 inch hard disk drive is high capacity, high performance random access storage device, which uses non-removable 2.5-inch disks as storage media. Each disk incorporates thin film metallic media technology for enhanced performance and reliability. And for each disk surface there is a corresponding movable head actuator assembly to randomly access the data tracks and write or read the user data.

Seagate S-series 2.5" 320GB. HDD size: 2.5", HDD capacity: 320 GB, HDD speed: 5400 RPM

Features		Operational conditions	
HDD size *	2.5"	Operating temperature (T-T)	5 - 55 °C
HDD capacity *	320 GB	Storage temperature (T-T)	-40 - 70 °C
HDD speed *	5400 RPM	Operating relative humidity (H-H)	5 - 90%
Interface *	Serial ATA	Storage relative humidity (H-H)	5 - 95%
Storage drive buffer size	16 MB	Operating vibration	1.5 G
Full stroke seek time	22 ms	Non-operating vibration	5.85 G
Track to track seek time	2 ms	Operating altitude	-300 - 3000 m
Average seek time	12 ms	Non-operating altitude	-400 - 15000 m
Average latency	5.6 ms		
Power		Weight & dimensions	
Power consumption (standby)	0.2 W	Width	69.8 mm
Power consumption (PowerSave)	0.2 W	Height	9.5 mm
Power consumption (read)	2.2 W	Depth	100.3 mm
Power consumption (write)	2.2 W	Weight	99 g
Power consumption (idle)	0.7 W		
Operating voltage	5 V	Other features	
Start-up current	0.85 A	Storage capacity	320 MB
		Internal	✓
		Maximum data transfer rate	145 Mbit/s
		Drive ready time	4 s

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