



Seagate Momentus 5400.4 SATA 250GB internal hard drive 5400 RPM 8 MB 2.5" Serial ATA



Brand : Seagate

Product family: Momentus

Product code: ST9250827AS

Product name : 5400.4 SATA
250GB

2.5", 250GB, SATA, 8MB Cache, 5400RPM

Seagate Momentus 5400.4 SATA 250GB internal hard drive 5400 RPM 8 MB 2.5" Serial ATA:

The Seagate® Momentus® 5400.4 drive offers the best combination of capacity, mobility and durability in a laptop hard drive.

Features:

- Industry's most reliable hard drive with proven second-generation Seagate perpendicular magnetic recording technology
- SATA 3Gb/s interface with Native Command Queuing, the fastest interface option available today, to enhance system performance levels
- 56 percent areal density increase from previous product generation
- Robust design and high shock tolerance enable mobility in rugged operating environments.
- 325 Gs of operating shock tolerance and 900 Gs of nonoperating shock tolerance make the drive ideal for notebook PCs and industrial applications.

Seagate Momentus 5400.4 SATA 250GB. Hard drive capacity: 250 GB, Hard drive speed: 5400 RPM, Storage drive buffer size: 8 MB, Hard drive size: 2.5", Interface: Serial ATA

Features		Operational conditions	
HDD capacity *	250 GB	Operating temperature (T-T)	0 - 60 °C
HDD speed *	5400 RPM	Storage temperature (T-T)	-40 - 70 °C
Storage drive buffer size *	8 MB	Operating relative humidity (H-H)	5 - 95%
HDD size *	2.5"	Storage relative humidity (H-H)	5 - 95%
Interface *	Serial ATA	Operating vibration	1 G
Type *	HDD	Non-operating vibration	5 G
Component for *	Laptop	Operating altitude	-304.8 - 3048 m
HDD number of heads	4	Non-operating altitude	-304.8 - 12192 m
Read seek time	12 ms	Operating shock	325 G
Write seek time	14 ms	Non-operating shock	900 G
Full stroke seek time	20 ms	Weight & dimensions	
Track to track seek time	2.5 ms	Width	69.8 mm
Average latency	5.6 ms	Height	9.5 mm
Bytes per sector	512	Depth	100.2 mm
Start/stop cycles	600000	Weight	102 g
Power		Packaging data	
Power consumption (standby)	0.2 W	Quantity per pack	1 pc(s)
Power consumption (PowerSave)	0.2 W	Other features	
Power consumption (read)	2 W	Drive ready time	3 s
Power consumption (write)	1.6 W	Windows operating systems supported	✓
Power consumption (idle)	0.6 W		
Operating voltage	5 V		
Start-up current	1 A		

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Publication date: 16-MAY-2025. Prints or copies of Information are only valid on the printed Publication date