

## Seagate Momentus 100GB HDD 2.5" Ultra-ATA/100

**Brand :** Seagate

**Product family:** Momentus

**Product code:** ST9100824A

**Product name :** 100GB HDD

100GB HDD, 5400rpm, Ultra ATA/100, 100g

[Seagate Momentus 100GB HDD 2.5" Ultra-ATA/100:](#)

Seagate Momentus 5400.2 enables the freedom of mobility and enhanced productivity with 5400-RPM performance. Users experience almost 50 percent more performance compared to 4200-RPM drives, but low power consumption enables users to work longer.

Seagate Momentus 100GB HDD. HDD size: 2.5", HDD capacity: 100 GB, HDD speed: 5400 RPM



Features		Operational conditions	
HDD size *	2.5"	Operating temperature (T-T)	5 - 50 °C
HDD capacity *	100 GB	Storage temperature (T-T)	-40 - 70 °C
HDD speed *	5400 RPM	Operating relative humidity (H-H)	5 - 90%
Interface *	Ultra-ATA/100	Storage relative humidity (H-H)	5 - 95%
Type *	HDD	Operating vibration	1 G
Component for *	Laptop	Non-operating vibration	5 G
Storage drive buffer size	8 MB	Operating altitude	-304.8 - 3048 m
HDD number of heads	4	Non-operating altitude	-304.8 - 12192 m
Average seek time	12.5 ms	Operating shock	250 G
Average latency	5.6 ms	Non-operating shock	900 G
Bytes per sector	512		
Start/stop cycles	600000		
Power		Weight & dimensions	
Power consumption (typical)	2 W	Width	69.8 mm
Power consumption (standby)	0.28 W	Height	9.5 mm
Power consumption (read)	1.8 W	Depth	100.2 mm
Power consumption (write)	1.8 W	Weight	100 g
Power consumption (idle)	0.8 W		
Operating voltage	5 V	Other features	
Start-up current	1 A	Acoustic pressure emissions	2.4 dB

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