

Seagate Momentus 100GB 2.5" SATA II 2.5" Serial ATA II

Brand : Seagate

Product family: Momentus

Product code: ST9100821AS

Product name : 100GB 2.5" SATA II

Momentus 7200.2 100GB 2.5" SATA II

[Seagate Momentus 100GB 2.5" SATA II 2.5" Serial ATA II:](#)

The freedom of mobility, the benefit of performance

Key Advantages

- Highest available laptop performance—SATA 3Gb/s interface increases system performance.
- Low power consumption maximizes battery life and lets users work longer.
- Perpendicular recording technology enhances data reliability.

Best-Fit Applications

- Mainstream laptops
- Workstations
- Gaming systems
- Small form factor PCs
- External boxes
- Non-mission-critical blade servers

Seagate Momentus 100GB 2.5" SATA II. HDD size: 2.5", HDD capacity: 100 GB, HDD speed: 7200 RPM



Features		Power	
HDD size *	2.5"	Start-up current	1.1 A
HDD capacity *	100 GB	Operational conditions	
HDD speed *	7200 RPM	Operating temperature (T-T)	0 - 60 °C
Interface *	Serial ATA II	Storage temperature (T-T)	-40 - 70 °C
Type *	HDD	Operating relative humidity (H-H)	5 - 90%
Component for *	Laptop	Storage relative humidity (H-H)	5 - 95%
Storage drive buffer size	8 MB	Operating altitude	-60.96 - 3048 m
HDD number of heads	3	Non-operating altitude	-60.96 - 12192 m
Average latency	4.17 ms	Operating shock	300 G
Windows operating systems supported	✓	Non-operating shock	900 G
Linux operating systems supported	✓	Weight & dimensions	
Power		Width	69.8 mm
Power consumption (standby)	0.8 W	Height	9.5 mm
Power consumption (read)	2.1 W	Depth	100.5 mm
Power consumption (write)	2.1 W	Weight	115 g
Power consumption (idle)	0.25 W	Other features	
Operating voltage	5 V	Sustained data rate	59 MB/s

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