



Seagate Momentus 80GB 2.5" SATA II 2.5" Serial ATA II

Brand : Seagate

Product family: Momentus

Product code: ST980813ASG

Product name : 80GB 2.5"
SATA II

Momentus 7200.2 80GB 2.5" SATA II

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The freedom of mobility, the benefit of performance

Key Advantages

- G-Force Protection™—Seagate freefall sensor technology protects data by returning drive to a nonoperating state in the event of a drop.
- 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 80GB 2.5" SATA II. HDD size: 2.5", HDD capacity: 80 GB, HDD speed: 7200 RPM

Features		Power	
HDD size *	2.5"	Start-up current	1.1 A
HDD capacity *	80 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
Read seek time	11 ms	Non-operating altitude	-60.96 - 12192 m
Write seek time	13 ms	Operating shock	300 G
Average latency	4.17 ms	Non-operating shock	800 G
Windows operating systems supported	✓	Weight & dimensions	
Linux operating systems supported	✓	Width	69.8 mm
Power		Height	9.5 mm
Power consumption (standby)	0.25 W	Depth	100.5 mm
Power consumption (idle)	0.8 W	Weight	115 g
Operating voltage	5 V	Other features	
		Sustained data rate	59 MB/s

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