

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

Brand : Seagate

Product family: Momentus

Product code: ST980411AS

Product name : 80GB 2.5" SATA II

Momentus 80GB 2.5" SATA II

[Seagate Momentus 80GB 2.5" SATA II 2.5" Serial ATA II:](#)

- Highest available notebook performance increases productivity in all environments.
- Developed with proven Seagate 7200-RPM laptop technology.
- Available in capacities of 320, 250, 160, 120 and 80 GB.
- SATA 3Gb/s NCQ interface.
- G-Force Protection available for added robustness in mobile environments.
- Green features:
 - Leverages Seagate laptop power management technology, delivering the lowest-power 7200-RPM laptop hard drive yet;
 - Utilizes ramp load features which remove the head from the disk during idle periods, improving idle power consumption and adding to the durability of the drive;
 - QuietStep ramp load technology enables ultra-quiet load/unload acoustics.
- Perpendicular recording technology.
- Seagate 5-year limited warranty.

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"	Power consumption (write)	2.1 W
HDD capacity *	80 GB	Power consumption (idle)	0.75 W
HDD speed *	7200 RPM	Operating voltage	5 V
Interface *	Serial ATA II	Start-up current	1 A
Type *	HDD	Operational conditions	
Component for *	Laptop	Operating temperature (T-T)	0 - 40 °C
Storage drive buffer size	16 MB	Storage temperature (T-T)	-40 - 70 °C
HDD number of heads	1	Operating shock	350 G
Average latency	4.17 ms	Non-operating shock	1000 G
Bytes per sector	512	Weight & dimensions	
Start/stop cycles	600000	Width	69.8 mm
Mean time between failures (MTBF)	500000 h	Height	9.5 mm
Power		Depth	100.5 mm
Power consumption (standby)	0.21 W	Weight	110 g
Power consumption (read)	2.1 W	Other features	
		Sustained data rate	80 MB/s

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