

Seagate Momentus 5400.5 SATA 3Gb/s 80GB Serial ATA

Brand : Seagate

Product family: Momentus

Product code: ST980310AS

Product name : Momentus
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Seagate® Momentus® 5400.5 laptop hard drives deliver fast performance along with robust design and high shock tolerance. Momentus 5400.5 drives are built with proven Seagate PMR technology and leverage Seagate power management technology, delivering the lowest-power 5,400-RPM laptop hard drive to date.

Key Advantages

- 8-MB cache delivers fast performance
- Robust design and high shock tolerance enable mobility in rugged notebook operating environments
- 1,000 Gs of non-operating shock make the drive ideal for notebook PCs and industrial applications
- Uses ramp load features that remove the head from the disc during idle periods, improving idle power consumption and adding to the durability of the drive
- QuietStep™ technology enables ultra-quiet load/unload acoustics
- SATA 3-Gb/s interface with Native Command Queuing
- Perpendicular recording technology



Features		Power	
HDD capacity *	80 GB	Power consumption (idle)	0.685 W
HDD speed *	5400 RPM	Start-up current	1 A
Interface *	Serial ATA	Operational conditions	
Type *	HDD	Operating temperature (T-T)	0 - 60 °C
Component for *	Laptop	Storage temperature (T-T)	-40 - 70 °C
Storage drive buffer size	8 MB	Operating shock	350 G
HDD number of heads	1	Non-operating shock	1000 G
Average latency	5.56 ms	Weight & dimensions	
Bytes per sector	512	Width	69.8 mm
Start/stop cycles	600000	Height	9.5 mm
Mean time between failures (MTBF)	500000 h	Depth	100.5 mm
Power		Weight	93 g
Power consumption (typical)	1.3 W	Other features	
Power consumption (standby)	0.205 W	Internal	✓
Power consumption (read)	1.6 W	Maximum data transfer rate	300 Mbit/s
Power consumption (write)	1.6 W	Data transfer rate	3 Gbit/s
		Drive device, transfer rate	60.3 MB/s

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