



Seagate Momentus 80GB HDD 2.5" Serial ATA

Brand : Seagate

Product family: Momentus

Product code: ST980825AS

Product name : 80GB HDD

80GB HDD, SATA 1.5Gb/s, 7200 rpm, 10.5ms

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

Seagate Momentus 7200.1 enables the freedom of mobility and maximum productivity with 7200-RPM performance. High-performance users experience the highest performance available for mobile workstations. With capacities up to 100 Gbytes, Momentus 7200.1 provides plenty of room to support the richest of multimedia applications. Seagate also extends Serial ATA with native command queuing as an option to support multi-drive environments and to deliver higher performance in aggressive applications.

Seagate Momentus 80GB HDD. HDD size: 2.5", HDD capacity: 80 GB, HDD speed: 7200 RPM



Features		Power	
HDD size *	2.5"	Operating voltage	5 V
HDD capacity *	80 GB	Start-up current	1.28 A
HDD speed *	7200 RPM	Operational conditions	
Interface *	Serial ATA	Operating temperature (T-T)	5 - 55 °C
Type *	HDD	Storage temperature (T-T)	-40 - 70 °C
Component for *	Laptop	Operating relative humidity (H-H)	5 - 90%
Storage drive buffer size	8 MB	Storage relative humidity (H-H)	5 - 95%
HDD number of heads	3	Operating vibration	1 G
Read seek time	10.5 ms	Non-operating vibration	5 G
Write seek time	12.5 ms	Operating altitude	-304.8 - 3048 m
Track to track seek time	2 ms	Non-operating altitude	-304.8 - 12192 m
Average seek time	10.5 ms	Operating shock	250 G
Average latency	4.2 ms	Non-operating shock	900 G
Bytes per sector	512	Weight & dimensions	
Power		Width	69.8 mm
Power consumption (typical)	2.6 W	Height	9.5 mm
Power consumption (standby)	0.28 W	Depth	100.5 mm
Power consumption (read)	2.4 W	Weight	115 g
Power consumption (write)	2.4 W		
Power consumption (idle)	0.95 W		

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