



Seagate Momentus 80GB HDD 2.5" Ultra-ATA/100

Brand : Seagate

Product family: Momentus

Product code: ST9808210A

Product name : 80GB HDD

80GB HDD, 4200rpm, Ultra ATA/100, 8Mb

[Seagate Momentus 80GB HDD 2.5" Ultra-ATA/100:](#)



Key Advantages

- 4200-RPM performance powers common home and office applications with ease.
- Low power consumption lets users work longer.
- Robust design and high shock tolerance enable mobility in rugged notebook operating environments.
- 900 Gs of nonoperating shock makes the drive ideal for notebook PCs and industrial applications.
- Best-Fit Applications
 - Notebook PCs
 - Tablet PCs
 - External 2.5-inch drives
 - MP3 players
 - Printers and copiers

Seagate Momentus 80GB HDD. HDD size: 2.5", HDD capacity: 80 GB, HDD speed: 4200 RPM

Features		Power	
HDD size *	2.5"	Power consumption (write)	2.1 W
HDD capacity *	80 GB	Power consumption (idle)	0.99 W
HDD speed *	4200 RPM	Operating voltage	5 V
Interface *	Ultra-ATA/100	Start-up current	1 A
Type *	HDD	Operational conditions	
Component for *	Laptop	Operating temperature (T-T)	5 - 55 °C
Storage drive buffer size	8 MB	Storage temperature (T-T)	-40 - 70 °C
HDD number of heads	3	Operating relative humidity (H-H)	5 - 90%
Read seek time	12.5 ms	Storage relative humidity (H-H)	5 - 95%
Write seek time	14.5 ms	Operating vibration	1 G
Full stroke seek time	22 ms	Non-operating vibration	5 G
Track to track seek time	1.5 ms	Operating altitude	-304.8 - 3048 m
Average seek time	12.5 ms	Non-operating altitude	-304.8 - 12192 m
Average latency	5.6 ms	Operating shock	250 G
Bytes per sector	512	Non-operating shock	900 G
Start/stop cycles	20000	Weight & dimensions	
Mean time between failures (MTBF)	600000 h	Width	69.8 mm
Power		Height	9.5 mm
Power consumption (typical)	2.3 W	Depth	100.2 mm
Power consumption (standby)	0.2 W	Weight	98 g
Power consumption (read)	2.05 W		

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