



Seagate Momentus 5400 FDE.2 SATA 80GB 2.5" Serial ATA

Brand : Seagate

Product family: Momentus

Product code: ST980816AS

Product name : 5400 FDE.2
SATA 80GB

2.5", 80GB, SATA, 8MB Cache, 5400RPM

[Seagate Momentus 5400 FDE.2 SATA 80GB 2.5" Serial ATA:](#)

Seagate® Momentus® 5400 FDE.2 drives are hardware-based, full disk encryption products which offer the most advanced data protection to personal and corporate laptop users.

The Seagate® Momentus® 5400 FDE.2 hard drive is a unique solution that addresses the security needs of end-users and corporate IT managers. Personal and company data is protected from unauthorised access, whether a hard drive or system is stolen, retired or sold.

The Seagate Momentus 5400 FDE.2 hard drive is an easy value proposition for global computer manufacturers and system integrators to incorporate into higher-value solutions for their customers. Seagate Momentus 5400 FDE.2 SATA 80GB. HDD size: 2.5", HDD capacity: 80 GB, HDD speed: 5400 RPM



Features		Power	
HDD size *	2.5"	Power consumption (idle)	0.85 W
HDD capacity *	80 GB	Operating voltage	5 V
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 relative humidity (H-H)	5 - 90%
HDD number of heads	2	Storage relative humidity (H-H)	5 - 95%
Read seek time	12.5 ms	Operating vibration	1 G
Write seek time	14.5 ms	Non-operating vibration	5 G
Full stroke seek time	22 ms	Operating altitude	-304.8 - 3048 m
Track to track seek time	1.5 ms	Non-operating altitude	-304.8 - 12192 m
Average latency	5.6 ms	Operating shock	350 G
Bytes per sector	512	Non-operating shock	900 G
Start/stop cycles	600000	Weight & dimensions	
Windows operating systems supported	✓	Width	69.8 mm
Power		Height	9.5 mm
Power consumption (standby)	0.46 W	Depth	100.5 mm
Power consumption (PowerSave)	0.46 W	Weight	96 g
Power consumption (read)	1.9 W	Packaging data	
Power consumption (write)	1.8 W	Quantity	1

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