

Seagate Momentus 5400.3 SATA 40GB 2.5" Serial ATA

Brand : Seagate

Product family: Momentus

Product code: ST940814AS

Product name : 5400.3 SATA
40GB

2.5", 40GB, SATA, 8MB Cache, 5400RPM

[Seagate Momentus 5400.3 SATA 40GB 2.5" Serial ATA:](#)

Momentus® 5400.3 hard drives incorporate perpendicular recording technology for maximum capacity, reliability and performance in demanding operating environments. Perpendicular recording technology increases capacity and reliability by storing data vertically instead of horizontally for maximum data density on the hard drive and reduced potential for thermal decay.



Key Features and Benefits

- 8-MB cache buffer.
- SATA NCQ interface.
- Perpendicular recording technology for increased storage capacity.
- Fast performance.
- Whisper-quiet acoustics.
- Superb reliability.
- Rugged mobility.
- Low power consumption.

Applications

- Mainstream laptops.
- Tablet PCs.
- External 2.5-inch hard drives.
- Printers and copiers.
- Non-mission-critical blade servers.

Seagate Momentus 5400.3 SATA 40GB. HDD size: 2.5", HDD capacity: 40 GB, HDD speed: 5400 RPM

Features		Power	
HDD size *	2.5"	Operating voltage	5 V
HDD capacity *	40 GB	Start-up current	1 A
HDD speed *	5400 RPM	Operational conditions	
Interface *	Serial ATA	Operating temperature (T-T)	0 - 60 °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	1	Operating vibration	1 G
Read seek time	11 ms	Non-operating vibration	5 G
Write seek time	13 ms	Operating altitude	-304.8 - 3048 m
Full stroke seek time	22 ms	Non-operating altitude	-304.8 - 12192 m
Track to track seek time	1.5 ms	Operating shock	350 G
Average latency	5.6 ms	Non-operating shock	900 G
Bytes per sector	512	Weight & dimensions	
Start/stop cycles	600000	Width	69.8 mm
Windows operating systems supported	✓	Height	9.5 mm
		Depth	100.5 mm
		Weight	96 g
Power		Packaging data	
Power consumption (standby)	0.2 W	Quantity	1
Power consumption (PowerSave)	0.2 W	Other features	
Power consumption (read)	1.9 W	Drive ready time	3 s
Power consumption (write)	1.8 W		
Power consumption (idle)	0.6 W		

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