

Samsung Spinpoint M 80GB HDD 2.5" Serial ATA

Brand : Samsung

Product family: Spinpoint M

Product code: HM080HI

Product name : 80GB HDD



80GB Serial ATA HDD

Samsung Spinpoint M 80GB HDD 2.5" Serial ATA:

Key features:

- TuMR head with wireless suspension design.
- Serial ATA 1.5Gbps Interface Support.
- SATA Native Command Queuing Feature set.
- Device Initiated SATA Power Management.
- Fluid Dynamic Bearing Spindle Motor Technology.
- Load/Unload Head Technology.
- ATA Security Mode Feature Set.
- ATA SMART Feature Set.
- ATA Automatic Acoustic Management Feature Set.
- ATA Device Configuration Overlay Feature Set.
- Multi-Burst On-The-Fly Error Correction.
- SilentSeek™.
- Hybrid Latch System for Reliability and Quietness.

Samsung Spinpoint M 80GB HDD. HDD size: 2.5", HDD capacity: 80 GB, HDD speed: 5400 RPM

Features		Operational conditions	
HDD size *	2.5"	Operating temperature (T-T)	5 - 55 °C
HDD capacity *	80 GB	Storage temperature (T-T)	-40 - 70 °C
HDD speed *	5400 RPM	Operating relative humidity (H-H)	5 - 90%
Interface *	Serial ATA	Storage relative humidity (H-H)	5 - 95%
Type *	HDD	Operating vibration	1 G
Storage drive buffer size	8 MB	Non-operating vibration	5 G
Full stroke seek time	22 ms	Operating altitude	-304.8 - 3048 m
Track to track seek time	2 ms	Non-operating altitude	-426.72 - 12192 m
Average seek time	12 ms	Operating shock	325 G
Average latency	5.6 ms	Non-operating shock	1000 G
Bytes per sector	512		
Mean time between failures (MTBF)	330000 h		
		Weight & dimensions	
		Width	100.1 mm
		Height	9.39 mm
		Depth	69.8 mm
		Weight	99 g
		Other features	
		Drive ready time	4 s
Power			
Power consumption (typical)	4.5 W		
Power consumption (standby)	0.25 W		
Power consumption (read)	2 W		
Power consumption (write)	2 W		
Power consumption (idle)	0.6 W		
Operating voltage	5 V		

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