

## Samsung Spinpoint M 80GB Serial ATA I HDD 2.5"

**Brand :** Samsung      **Product family:** Spinpoint M      **Product code:** HM080GI

**Product name :** 80GB Serial ATA I HDD

80GB Serial ATA I, 8MB, 5400 RPM Hard Drive

Samsung Spinpoint M 80GB Serial ATA I HDD 2.5":

**Features:**

- TuMR/PMR 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 Serial ATA I 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%
Storage drive buffer size	8 MB	Operating shock	325 G
Full stroke seek time	22 ms	Non-operating shock	1000 G
Track to track seek time	2 ms	<b>Other features</b>	
Average seek time	12 ms	Power requirements	+5V
Average latency	5.6 ms	Internal	✓
Bytes per sector	512	Drive ready time	3.5 s
<b>Power</b>			
Operating voltage	5 V		

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