

## Samsung Spinpoint M 320GB HDD 2.5" Serial ATA

**Brand :** Samsung

**Product family:** Spinpoint M

**Product code:** HM320JI

**Product name :** 320GB HDD



HM320JI - 320GB SATA HDD, 5400 RPM, 8MB, 2.5"

Samsung Spinpoint M 320GB HDD 2.5" Serial ATA:

- Max. 160GB formatted capacity per disk.
- ATA Security Mode Feature Set.
- SATA Native Command Queuing Feature.
- ATA S.M.A.R.T. Feature Set.
- TuMR/PMR head with FOD technology.
- SilentSeek™.
- NoiseGuard™.
- Serial ATA 1.5Gbps Interface Support.
- Load/Unload Head Technology.

Samsung Spinpoint M 320GB HDD. HDD size: 2.5", HDD capacity: 320 GB, HDD speed: 5400 RPM

Features		Operational conditions	
HDD size *	2.5"	Operating temperature (T-T)	5 - 55 °C
HDD capacity *	320 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	0.73 G
Storage drive buffer size	8 MB	Operating altitude	-300 - 3000 m
Average seek time	12 ms	Non-operating altitude	-400 - 15000 m
Average latency	5.6 ms	Operating shock	325 G
Bytes per sector	512	Non-operating shock	1000 G
Power		Weight & dimensions	
Power consumption (typical)	2.2 W	Width	69.8 mm
Power consumption (standby)	0.25 W	Height	9.5 mm
Power consumption (read)	2 W	Depth	100 mm
Power consumption (write)	2 W	Weight	102 g
Power consumption (idle)	0.6 W		
Operating voltage	5 V	Other features	
Start-up current	0.9 A	Drive ready time	4 s

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