



Samsung Spinpoint M HN-M320MBB internal hard drive 2.5" 320 GB Serial ATA II



Brand : Samsung **Product family:** Spinpoint M **Product code:** HN-M320MBB
Product name : HN-M320MBB

320GB, 8MB, 5400RPM, SATA II, 107g

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Features:

- Max. 320GB 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;
 - Serial ATA 3.0Gbps Interface Support;
 - NoiseGuard;
 - Load/Unload Head Technology.
- Samsung Spinpoint M HN-M320MBB. HDD size: 2.5", HDD capacity: 320 GB, HDD speed: 5400 RPM

Features		Operational conditions	
HDD size *	2.5"	Storage temperature (T-T)	-40 - 70 °C
HDD capacity *	320 GB	Operating relative humidity (H-H)	5 - 90%
HDD speed *	5400 RPM	Storage relative humidity (H-H)	5 - 95%
Interface *	Serial ATA II	Operating vibration	1.5 G
Write speed	145 MB/s	Operating altitude	-300 - 3000 m
Read speed	300 MB/s	Non-operating altitude	-400 - 15000 m
Storage drive buffer size	8 MB	Operating shock	325 G
Track to track seek time	12 ms	Non-operating shock	750 G
Average latency	5.6 ms		
Power		Weight & dimensions	
Power consumption (standby)	0.2 W	Width	69.8 mm
Power consumption (read)	2.2 W	Height	9.5 mm
Power consumption (write)	2.2 W	Depth	100 mm
Power consumption (idle)	0.7 W	Weight	107 g
Operating voltage	5 V		
Start-up current	1 A	Other features	
Operational conditions		Data transfer rate	3 Gbit/s
Operating temperature (T-T)	5 - 55 °C	Drive ready time	4 s

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