

Samsung Spinpoint M HM320II internal hard drive 2.5" 320 GB Serial ATA II



Brand : Samsung **Product family:** Spinpoint M **Product code:** HM320II
Product name : HM320II

HM320II - 2.5-inch SATA 3.0Gbps HDD 5400rpm, 320GB, 8MB, 105g

Samsung Spinpoint M HM320II internal hard drive 2.5" 320 GB Serial ATA II:

- Spinpoint M7
- capacity : 320 GB
- interface : Serial ATA 3.0 Gbps
- buffer memory : 8 MB

Features

- Formatted capacity : 320GB
- ATA Security Mode Feature Set
- SATA Native Command Queuing Feature
- ATA S.M.A.R.T. Feature Set
- TuMR/PMR head with FOD technology
- Serial ATA 3.0Gbps Interface Support
- Load/Unload Head Technology
- SilentSeek
- NoiseGuard

Samsung Spinpoint M HM320II. HDD size: 2.5", HDD capacity: 320 GB, HDD speed: 5400 RPM

Features		Operational conditions	
HDD size *	2.5"	Operating vibration	1.5 Grms
HDD capacity *	320 GB	Operating altitude	-300 - 3000 m
HDD speed *	5400 RPM	Non-operating altitude	-400 - 15000 m
Interface *	Serial ATA II	Operating shock	400 G
Type *	HDD	Non-operating shock	900 G
Storage drive buffer size	8 MB	Weight & dimensions	
Average seek time	12 ms	Width	69.8 mm
Average latency	5.6 ms	Height	9.5 mm
Bytes per sector	512	Depth	100 mm
Power		Weight	105 g
Power consumption (typical)	2.5 W	Packaging data	
Power consumption (standby)	0.25 W	User guide	✓
Operating voltage	5 V	Other features	
Start-up current	1 A	Power requirements	+5V±5%
Operational conditions		Acoustic pressure emissions	2.6 dB
Operating temperature (T-T)	5 - 55 °C	Product colour	Black
Storage temperature (T-T)	-40 - 70 °C	Internal	✓
Operating relative humidity (H-H)	8 - 90%	Compatible operating systems	Windows 98/2000/XP
Storage relative humidity (H-H)	5 - 95%	Drive ready time	4 s
		Supported data transfer rates	138, 300MB/s

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