

Samsung Spinpoint M 250GB SATA 2.5" Serial ATA

Brand : Samsung **Product family:** Spinpoint M **Product code:** HM251JI
Product name : 250GB SATA

HM251JI - 250GB SATA HDD, 5400 RPM

Samsung Spinpoint M 250GB SATA 2.5" Serial ATA:

Key featurews

- 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
 - Serial ATA 1.5Gbps Interface Support
 - SilentSeek™
 - NoiseGuard™
 - SilenteC™
 - Load/Unload Head Technology
- Samsung Spinpoint M 250GB SATA. HDD size: 2.5", HDD capacity: 250 GB, HDD speed: 5400 RPM



Features		Operational conditions	
HDD size *	2.5"	Operating relative humidity (H-H)	5 - 90%
HDD capacity *	250 GB	Storage relative humidity (H-H)	5 - 95%
HDD speed *	5400 RPM	Operating vibration	0.7 G
Interface *	Serial ATA	Operating altitude	-300 - 3000 m
Type *	HDD	Non-operating altitude	-400 - 15000 m
Storage drive buffer size	8 MB	Operating shock	325 G
HDD interface transfer rate	1.5 Gbit/s	Non-operating shock	1000 G
Average seek time	12 ms	Weight & dimensions	
Bytes per sector	512	Width	69.8 mm
Power		Height	9.5 mm
Power consumption (standby)	0.25 W	Depth	100 mm
Power consumption (off)	0.2 W	Weight	102 g
Power consumption (read)	2 W	Other features	
Power consumption (write)	2 W	Maximum data transfer rate	826 Mbit/s
Operating voltage	5 V	Drive device, transfer rate	150 MB/s
Operational conditions		Drive ready time	4 s
Operating temperature (T-T)	5 - 55 °C		
Storage temperature (T-T)	-40 - 70 °C		

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