

Samsung Spinpoint M 640GB HDD 2.5" Serial ATA II

Brand : Samsung

Product family: Spinpoint M

Product code: HM641JI

Product name : 640GB HDD



HM321HI, HDD, 640GB, SATA II, 8MB, 5400rpm, 105g

[Samsung Spinpoint M 640GB HDD 2.5" Serial ATA II:](#)

Key Features

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

Samsung Spinpoint M 640GB HDD. HDD size: 2.5", HDD capacity: 640 GB, HDD speed: 5400 RPM

Features		Operational conditions	
HDD size *	2.5"	Storage temperature (T-T)	-40 - 70 °C
HDD capacity *	640 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
Type *	HDD	Operating altitude	-300 - 3000 m
Storage drive buffer size	8 MB	Non-operating altitude	-400 - 15000 m
Average latency	12 ms	Operating shock	400 G
Bytes per sector	512	Non-operating shock	900 G
Power		Weight & dimensions	
Power consumption (typical)	2.5 W	Width	69.8 mm
Power consumption (standby)	0.25 W	Height	9.5 mm
Power consumption (off)	0.2 W	Depth	100 mm
Operating voltage	5 V	Weight	105 g
Start-up current	1000 A	Other features	
Operational conditions		Drive ready time	4 s
Operating temperature (T-T)	5 - 55 °C		

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