

Samsung Spinpoint F3 500GB HDD 3.5" Serial ATA II



Brand : Samsung **Product family:** Spinpoint F3 **Product code:** HD502HJ
Product name : 500GB HDD

Spinpoint F3, 500 GB, Serial ATA 3.0 Gbps, 16 MB buffer memory

Samsung Spinpoint F3 500GB HDD 3.5" Serial ATA II:

- MAX.500GB Formatted Capacity Per Disk
- Serial ATA 3.0Gbps Interface Support
- Improved recording stability over temperature with PMR
- Advanced dynamic FOD control for best data integrity
- Intelligent compensation of external disturbance
- SATA Native Command Queuing Feature
- Device Initiated SATA Power Management
- Rotational vibration sensor
- Environment friendly product with RoHS compliance
- Improved performance with dual-ARM based firmware
- ATA S.M.A.R.T. Compliant
- ATA Automatic Acoustic Management Feature
- ATA 48-bit Address Feature
- ATA Device Configuration Overlay Feature
- NoiseGuard™
- SilentSeek™

Samsung Spinpoint F3 500GB HDD. HDD size: 3.5", HDD capacity: 500 GB, HDD speed: 7200 RPM

Features		Power	
HDD size *	3.5"	Operating voltage	5 / 12 V
HDD capacity *	500 GB	Operational conditions	
HDD speed *	7200 RPM	Operating temperature (T-T)	0 - 60 °C
Interface *	Serial ATA II	Storage temperature (T-T)	-40 - 70 °C
Type *	HDD	Operating relative humidity (H-H)	5 - 90%
Storage drive buffer size	16 MB	Storage relative humidity (H-H)	5 - 95%
Average seek time	8.9 ms	Operating altitude	-300 - 3000 m
Average latency	4.17 ms	Non-operating altitude	-300 - 12000 m
Bytes per sector	512	Operating shock	70 G
Start/stop cycles	50000	Non-operating shock	300 G
Power		Other features	
Power consumption (typical)	55 W	Drive device weight	475 g
Power consumption (standby)	1 W		

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