



Samsung SpinPoint F1 250GB HDD 3.5" Serial ATA II

Brand : Samsung

Product family: SpinPoint F1

Product code: HD251HJ

Product name : 250GB HDD

HD251HJ - 250GB HDD

[Samsung SpinPoint F1 250GB HDD 3.5" Serial ATA II:](#)



Features

- Max. 334GB 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
- Staggerd Spin-up Support
- 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
- Environment friendly product with RoHS compliance
- Rotational vibration sensor
- NoiseGuard™
- SilentSeek™

Samsung SpinPoint F1 250GB HDD. HDD size: 3.5", HDD capacity: 250 GB, HDD speed: 7200 RPM

Features		Operational conditions	
HDD size *	3.5"	Operating relative humidity (H-H)	5 - 90%
HDD capacity *	250 GB	Storage relative humidity (H-H)	5 - 95%
HDD speed *	7200 RPM	Operating altitude	300 - 3000 m
Interface *	Serial ATA II	Non-operating altitude	300 - 12000 m
Type *	HDD	Operating shock	70 G
Storage drive buffer size	8 MB	Non-operating shock	350 G
Average seek time	8.9 ms	Weight & dimensions	
Average latency	4.17 ms	Width	101.5 mm
Bytes per sector	512	Height	26.1 mm
Start/stop cycles	50000	Depth	147 mm
Power		Weight	470 g
Power consumption (standby)	0.7 W	Other features	
Power consumption (PowerSave)	0.7 W	Dimensions (WxDxH)	101.5 x 147 x 26.1 mm
Operating voltage	5 / 12 V	Product colour	Black
Operational conditions		Internal	✓
Operating temperature (T-T)	0 - 60 °C	Maximum data transfer rate	175 Mbit/s
Storage temperature (T-T)	-40 - 70 °C	Drive ready time	8 s

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