

## Samsung SpinPoint F1 250GB HDD 3.5" Serial ATA II

**Brand :** Samsung                      **Product family:** SpinPoint F1                      **Product code:** HD252HJ  
**Product name :** 250GB HDD



HD252HJ - Spinpoint F1, 250 GB, Serial ATA 3.0 Gbps, 16MB buffer

**Samsung SpinPoint F1 250GB HDD 3.5" Serial ATA II:**

- 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.
- 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"	Storage temperature (T-T)	-40 - 70 °C
HDD capacity *	250 GB	Operating relative humidity (H-H)	5 - 95%
HDD speed *	7200 RPM	Storage relative humidity (H-H)	5 - 90%
Interface *	Serial ATA II	Operating altitude	-300 - 3000 m
Type *	HDD	Non-operating altitude	-300 - 12000 m
Storage drive buffer size	16 MB	Operating shock	70 G
Average latency	4.17 ms	Weight & dimensions	
Bytes per sector	512	Width	101.5 mm
Start/stop cycles	50000	Height	26.1 mm
Power		Depth	147 mm
Operating voltage	5 / 12 V	Weight	470 g
Operational conditions			
Operating temperature (T-T)	0 - 60 °C		

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