SAMSUNG

Samsung SpinPoint F1 750GB Serial ATA II HDD 3.5"

Brand : Samsung **Product family:** SpinPoint F1 **Product code:** HD752LJ

Product name : 750GB Serial ATA II HDD

750GB Serial ATA II, 16MB, 7200 RPM Hard Drive

Samsung SpinPoint F1 750GB Serial ATA II HDD 3.5":

Features:
- 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 750GB Serial ATA II HDD. HDD size: 3.5", HDD capacity: 750 GB, HDD speed: 7200 RPM

Features	
HDD size *	3.5"
HDD capacity *	750 GB
HDD speed *	7200 RPM
Interface *	Serial ATA II
Storage drive buffer size	16 MB
Average seek time	8.9 ms
Average latency	4.17 ms
Bytes per sector	512
Start/stop cycles	50000
Power	
Power consumption (typical)	7.9 W
Power consumption (standby)	0.8 W
Operating voltage	5 / 12 V
Operational conditions	
Operating temperature (T-T)	0 - 60 °C
Storage temperature (T-T)	-40 - 70 °C

Operational conditions	
Operating relative humidity (H-H)	5 - 90%
Storage relative humidity (H-H)	5 - 95%
Operating altitude	-300 - 3000 m
Non-operating altitude	-300 - 12000 m
Operating shock	70 G
Non-operating shock	350 G
Weight & dimensions	
Width	101.5 mm
Height	26.1 mm
Depth	147 mm
Weight	640 g
Other features	
Power requirements	+5V±5%, +12V±10%
Internal	✓
Drive ready time	12 s

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