

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

**Brand :** Samsung      **Product family:** SpinPoint F1      **Product code:** HE753LJ  
**Product name :** 750GB HDD

750GB HDD, SATA II, 32MB

[Samsung SpinPoint F1 750GB HDD 3.5" Serial ATA II:](#)



### 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.
- Staggered Spin-up Support.
- Rotational vibration sensor.
- Device Initiated SATA Power Management.
- Environment friendly product with RoHS compliance.
- ATA S.M.A.R.T. Compliant.
- Improved performance with dual-ARM based firmware.

Samsung SpinPoint F1 750GB HDD. HDD size: 3.5", HDD capacity: 750 GB, HDD speed: 7200 RPM

Features		Operational conditions	
HDD size *	3.5"	Operating relative humidity (H-H)	5 - 90%
HDD capacity *	750 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	Non-operating shock	300 G
Storage drive buffer size	32 MB	Weight & dimensions	
Average seek time	8.9 ms	Width	101.5 mm
Average latency	4.17 ms	Height	26.1 mm
Bytes per sector	512	Depth	147 mm
Start/stop cycles	50000	Weight	640 g
Power		Other features	
Power consumption (standby)	1.2 W	Dimensions (WxDxH)	101.5 x 147 x 26.1 mm
Operating voltage	5 / 12 V	Internal	✓
Operational conditions		Drive device, transfer rate	300 MB/s
Operating temperature (T-T)	0 - 60 °C	Drive ready time	12 s
Storage temperature (T-T)	-40 - 70 °C		

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