

Samsung SpinPoint F1 1TB HDD 3.5" Serial ATA II

Brand : Samsung **Product family:** SpinPoint F1 **Product code:** HD102UJ

Product name : 1TB HDD

1 TB Serial ATA II HDD

Samsung SpinPoint F1 1TB 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.
- 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 1TB HDD. HDD size: 3.5", HDD capacity: 1 TB, HDD speed: 7200 RPM



Features		Operational conditions	
HDD size *	3.5"	Operating temperature (T-T)	0 - 60 °C
HDD capacity *	1 TB	Storage temperature (T-T)	-40 - 70 °C
HDD speed *	7200 RPM	Operating relative humidity (H-H)	5 - 90%
Interface *	Serial ATA II	Storage relative humidity (H-H)	5 - 95%
Type *	HDD	Operating altitude	-304.8 - 3048 m
Storage drive buffer size	16 MB	Non-operating altitude	-304.8 - 12192 m
Full stroke seek time	20 ms	Operating shock	70 G
Track to track seek time	0.8 ms	Non-operating shock	350 G
Average seek time	8.9 ms	Weight & dimensions	
Average latency	4.17 ms	Width	101.6 mm
Bytes per sector	512	Height	26.1 mm
Start/stop cycles	50000	Depth	147 mm
Power		Weight	810 g
Power consumption (standby)	1.2 W	Other features	
Power consumption (read)	9.5 W	Drive ready time	10 s
Power consumption (write)	9.5 W		
Power consumption (idle)	8.2 W		
Operating voltage	5 / 12 V		

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 03-JAN-2024. Prints or copies of Information are only valid on the printed Publication date