

## Samsung SpinPoint F1 640GB HDD 3.5" Serial ATA II

**Brand :** Samsung      **Product family:** SpinPoint F1      **Product code:** HD642JJ  
**Product name :** 640GB HDD



HD642JJ - 620GB SATA HDD, 7200 RPM, 16MB, 3.5"

Samsung SpinPoint F1 640GB 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.
- NoiseGuard™.
- SilentSeek™.

Samsung SpinPoint F1 640GB HDD. HDD size: 3.5", HDD capacity: 640 GB, HDD speed: 7200 RPM

Features		Operational conditions	
HDD size *	3.5"	Operating temperature (T-T)	0 - 60 °C
HDD capacity *	640 GB	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	-300 - 3000 m
Storage drive buffer size	16 MB	Non-operating altitude	-300 - 12000 m
Average seek time	8.9 ms	Operating shock	70 G
Average latency	4.17 ms	Non-operating shock	300 G
Bytes per sector	512	<b>Weight &amp; dimensions</b>	
Start/stop cycles	50000	Width	101.5 mm
<b>Power</b>		Height	26.1 mm
Power consumption (typical)	8.56 W	Depth	147 mm
Power consumption (standby)	1.18 W	Weight	610 g
Power consumption (PowerSave)	1.18 W	<b>Other features</b>	
Operating voltage	5 / 12 V	Drive ready time	12 s

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