

Samsung SpinPoint F1 160GB HDD 3.5" Serial ATA II

Brand : Samsung **Product family:** SpinPoint F1 **Product code:** HD161GJ
Product name : 160GB HDD



HD Spinpoint F1, 160GB, 7200rpm, Serial ATA 3.0 Gbps, buffer memory: 8 MB

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Features:

- Formatted capacity : 160GB.
- 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.
- Environment friendly product with RoHS compliance.
- Rotational vibration sensor.
- NoiseGuard.
- SilentSeek.

Samsung SpinPoint F1 160GB HDD. HDD size: 3.5", HDD capacity: 160 GB, HDD speed: 7200 RPM

Features		Operational conditions	
HDD size *	3.5"	Storage temperature (T-T)	-40 - 70 °C
HDD capacity *	160 GB	Operating relative humidity (H-H)	5 - 90%
HDD speed *	7200 RPM	Storage relative humidity (H-H)	5 - 95%
Interface *	Serial ATA II	Operating altitude	-300 - 3000 m
Type *	HDD	Non-operating altitude	-300 - 12000 m
Storage drive buffer size	8 MB	Operating shock	70 G
Average seek time	8.9 ms	Non-operating shock	350 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
Power consumption (standby)	0.7 W	Weight	470 g
Operating voltage	5 / 12 V	Other features	
Operational conditions		Drive ready time	8 s
Operating temperature (T-T)	0 - 60 °C		

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