

## Samsung Spinpoint P 160GB HDD Serial ATA II

**Brand :** Samsung      **Product family:** Spinpoint P      **Product code:** HD160JJ

**Product name :** 160GB HDD

HD1160JJ 160gb sata II 300 7200 rpm 8mb

Samsung Spinpoint P 160GB HDD Serial ATA II:

The parallel interface, Ultra ATA, in most of today's desktop storage systems is now facing its limit. The Parallel ATA interface has been in use as the standard legacy storage device for individual users for over 17 years. Samsung has adopted the new interface, Serial ATA, and will continue to launch products with SATA interface for years to come.

- Native Serial ATA II (3.0Gbps) with Native Command Queuing (NCQ)
- Fluid Dynamic Bearing Spindle Motor Technology
- High Speed Dual Digital Signal Processor (DSP) Based Architecture
- ATA SMART Compliant
- ATA Security Mode Feature Set
- ATA Host Protected Area Feature Set
- ATA Automatic Acoustic Management Feature Set
- ATA 48-bit Address Feature Set
- ATA Streaming Feature Set
- ATA Power Up In Standby Feature Set
- ATA Device Configuration Overlay Feature Set
- Permuted RLL/ECC On-The-Fly Error Correction
- RoHS-compliant
- NoiseGuard™
- SilentSeek™
- Hot-Plug & Hot-Swap capable



Features		Operational conditions	
HDD capacity *	160 GB	Operating temperature (T-T)	0 - 60 °C
HDD speed *	7200 RPM	Storage temperature (T-T)	-40 - 70 °C
Interface *	Serial ATA II	Operating relative humidity (H-H)	5 - 90%
Type *	HDD	Storage relative humidity (H-H)	5 - 95%
Storage drive buffer size	8 MB	Operating vibration	1.5 G
Access time	8.9 ms	Non-operating vibration	8 G
Full stroke seek time	18 ms	Operating altitude	-304.8 - 3048 m
Track to track seek time	0.8 ms	Non-operating altitude	-304.8 - 12192 m
Average latency	4.17 ms	Operating shock	63 G
Bytes per sector	512	Non-operating shock	350 G
Start/stop cycles	50000	Weight & dimensions	
Power		Width	101.6 mm
Power consumption (typical)	7.8 W	Height	25.4 mm
Power consumption (standby)	0.7 W	Depth	146.1 mm
Power consumption (PowerSave)	0.7 W	Weight	648 g
Power consumption (read)	8 W	Other features	
Power consumption (write)	8 W	Drive ready time	7 s
Power consumption (idle)	6.8 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: 02-JAN-2024. Prints or copies of Information are only valid on the printed Publication date