



Samsung Spinpoint P SP1203N internal hard drive 3.5" 120 GB Ultra-ATA/133

Brand : Samsung

Product family: Spinpoint P

Product code: SP1203N

Product name : SP1203N



120GB, Ultra ATA, 3.5", 133MB/s, 7200RPM, 2MB

[Samsung Spinpoint P SP1203N internal hard drive 3.5" 120 GB Ultra-ATA/133:](#)

To store and play back a limitless amount of digital media content on the web, you need a drive that provides fast and reliable data transmission. From movies to music, SAMSUNG SpinPoint drive answers all your AV needs with a drive that is so quiet, YOU WON'T EVEN KNOW IT IS THERE.

- Ultra ATA-133 Compatible.
- Fluid Dynamic Bearing Spindle Motor Technology.
- High Speed Dual Digital Signal Processor (DSP) Based Architecture.
- ATA S.M.A.R.T. 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 Queuing Feature Set.
- ATA Power-Up In Standby Feature Set.
- ATA Device Configuration Overlay Feature Set.
- Multi-Burst On-The-Fly Error Correction.
- NoiseGuard™.
- SilentSeek™.

Samsung Spinpoint P SP1203N. HDD size: 3.5", HDD capacity: 120 GB, HDD speed: 7200 RPM

Features		Operational conditions	
HDD size *	3.5"	Operating temperature (T-T)	5 - 55 °C
HDD capacity *	120 GB	Storage temperature (T-T)	-40 - 70 °C
HDD speed *	7200 RPM	Operating relative humidity (H-H)	5 - 90%
Interface *	Ultra-ATA/133	Storage relative humidity (H-H)	5 - 95%
Type *	HDD	Operating altitude	-305 - 3050 m
Storage drive buffer size	2 MB	Non-operating altitude	-305 - 12200 m
Full stroke seek time	18 ms	Operating shock	63 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	25.4 mm
Start/stop cycles	50000	Depth	146.1 mm
Mean time between failures (MTBF)	500000 h	Weight	635 g
Power		Other features	
Power consumption (standby)	0.5 W	Drive ready time	7 s
Operating voltage	5 / 12 V		

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