

Samsung Spinpoint P 200GB HDD 3.5" Serial ATA II

Brand : Samsung

Product family: Spinpoint P

Product code: SP2004C

Product name : 200GB HDD

SP2004C - 200GB SATA II 300MB/S 7200RPM 8MB

Samsung Spinpoint P 200GB HDD 3.5" 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.

- 125GB Formatted Capacity Per Disk.
- Serial ATA-II 3.0Gbps Interface Support.
- SATA Native Command Queuing Feature set.
- Device Initiated SATA Power Management.
- Staggerd Spin-up Support.
- High Speed Dual Digital Signal Processor (DSP) Based Architecture.
- ATA S.M.A.R.T. Compliant.
- ATA Automatic Acoustic Management Feature Set.
- ATA 48-bit Address Feature Set.
- ATA Streaming Feature Set.
- ATA Device Configuration Overlay Feature Set.
- NoiseGuard™.
- SilentSeek™.

Samsung Spinpoint P 200GB HDD. HDD size: 3.5", HDD capacity: 200 GB, HDD speed: 7200 RPM

Features		Power	
HDD size *	3.5"	Power consumption (idle)	7.5 W
HDD capacity *	200 GB	Operating voltage	5 / 12 V
HDD speed *	7200 RPM	Operational conditions	
Interface *	Serial ATA II	Operating temperature (T-T)	0 - 60 °C
Type *	HDD	Storage temperature (T-T)	-40 - 70 °C
Storage drive buffer size	8 MB	Operating relative humidity (H-H)	5 - 90%
HDD number of heads	2	Storage relative humidity (H-H)	5 - 95%
Full stroke seek time	18 ms	Operating vibration	1.5 G
Track to track seek time	0.8 ms	Non-operating vibration	8 G
Average seek time	8.9 ms	Operating altitude	-304.8 - 3048 m
Average latency	4.17 ms	Non-operating altitude	-304.8 - 12192 m
Bytes per sector	512	Operating shock	63 G
Start/stop cycles	50000	Non-operating shock	350 G
Mean time between failures (MTBF)	600000 h	Weight & dimensions	
Power		Width	101.6 mm
Power consumption (typical)	9.5 W	Height	25.4 mm
Power consumption (standby)	1.5 W	Depth	146.1 mm
Power consumption (PowerSave)	1.5 W	Weight	653 g
Power consumption (read)	8 W	Other features	
Power consumption (write)	8 W	Drive ready time	7 s



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