

Samsung Spinpoint P 250GB HDD 3.5" Ultra-ATA/133

Brand : Samsung **Product family:** Spinpoint P **Product code:** SP2514N

Product name : 250GB HDD

SP2514N - 250GB Ultra ATA 133MB/S 7200RPM 8MB

[Samsung Spinpoint P 250GB HDD 3.5" 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 Interface Support.
- 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 Device Configuration Overlay Feature Set.
- NoiseGuard™.
- SilentSeek™.

Samsung Spinpoint P 250GB HDD. HDD size: 3.5", HDD capacity: 250 GB, HDD speed: 7200 RPM



Features		Operational conditions	
HDD size *	3.5"	Operating temperature (T-T)	0 - 60 °C
HDD capacity *	250 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 vibration	1.5 G
Storage drive buffer size	8 MB	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 seek time	8.9 ms	Operating shock	63 G
Average latency	4.17 ms	Non-operating shock	350 G
Bytes per sector	512	Weight & dimensions	
Start/stop cycles	50000	Width	101.6 mm
Mean time between failures (MTBF)	500000 h	Height	25.4 mm
Power		Depth	146.1 mm
Power consumption (typical)	9 W	Weight	635 g
Power consumption (idle)	7 W	Other features	
Operating voltage	5 / 12 V	Drive ready time	7 s

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