

Samsung Spinpoint S 80GB HDD 3.5" Serial ATA II

Brand : Samsung **Product family:** Spinpoint S **Product code:** HD082GJ
Product name : 80GB HDD

80GB Serial ATA II, 8MB, 7200RPM, 3.5"

Samsung Spinpoint S 80GB HDD 3.5" Serial ATA II:

Features:

- Serial ATA 3.0Gbps Interface Support.
- SATA Native Command Queuing Feature set.
- On-the-fly(OTF) error correction.
- Supports all logical geometries as programmed by the host.
- Fluid Bearing Spindle Motor Technology.
- Noise predictive PRML read channel.
- Dynamic anti-stiction algorithm.
- ATA S.M.A.R.T. Compliant.
- ATA Automatic Acoustic Management Feature Set.
- ATA 48-bit Address Feature Set.
- ATA Device Configuration Overlay Feature Set.
- SilentSeek™.
- ImpacGuard™.

Samsung Spinpoint S 80GB HDD. HDD size: 3.5", HDD capacity: 80 GB, HDD speed: 7200 RPM



Features		Power	
HDD size *	3.5"	Power consumption (idle)	6.5 W
HDD capacity *	80 GB	Operating voltage	5 / 12 V
HDD speed *	7200 RPM	Start-up current	2 A
Interface *	Serial ATA II	Operational conditions	
Type *	HDD	Operating temperature (T-T)	0 - 60 °C
Storage drive buffer size	8 MB	Storage temperature (T-T)	-40 - 70 °C
Full stroke seek time	18 ms	Operating relative humidity (H-H)	5 - 90%
Track to track seek time	0.8 ms	Storage relative humidity (H-H)	5 - 95%
Average seek time	8.9 ms	Operating altitude	-300 - 3000 m
Average latency	4.17 ms	Non-operating altitude	-300 - 12000 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 (standby)	0.7 W	Height	25.4 mm
Power consumption (PowerSave)	0.7 W	Depth	146 mm
Power consumption (read)	8 W	Weight	449 g
Power consumption (write)	8 W	Other features	
		Drive ready time	8 s

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