

Samsung Spinpoint T 320GB HDD 3.5" Serial ATA II

Brand : Samsung **Product family:** Spinpoint T **Product code:** HD320KJ
Product name : 320GB HDD

HD320KJ - 320 GB, Serial ATA II 3.0 Gbps, 8MB

Samsung Spinpoint T 320GB HDD 3.5" Serial ATA II:

- Max. 167GB Formatted Capacity per Disk.
- Serial ATA 3.0 Gbps Interface Support.
- SATA Native Command Queuing Feature.
- Device Initiated SATA Power Management.
- Staggerd Spin-up Support.
- High Speed Dual DSP Based Architecture.
- ATA S.M.A.R.T Compliant.
- ATA Automatic Acoustic Management Feature.
- ATA 48-bit Address Feature.
- ATA Streaming Feature.
- ATA Device Configuration Overlay Feature.
- SilentSeek™.
- ImpacGuard™.

Samsung Spinpoint T 320GB HDD. HDD size: 3.5", HDD capacity: 320 GB, HDD speed: 7200 RPM



Features		Power	
HDD size *	3.5"	Operating voltage	5 / 12 V
HDD capacity *	320 GB	Start-up current	2.3 A
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%
Full stroke seek time	18 ms	Storage relative humidity (H-H)	5 - 95%
Track to track seek time	0.8 ms	Operating altitude	-300 - 3000 m
Average seek time	8.9 ms	Non-operating altitude	-300 - 12000 m
Average latency	4.17 ms	Operating shock	63 G
Bytes per sector	512	Non-operating shock	300 G
Start/stop cycles	50000	Weight & dimensions	
Power		Width	101.6 mm
Power consumption (standby)	1.2 W	Height	25.4 mm
Power consumption (PowerSave)	1.2 W	Depth	146.1 mm
Power consumption (read)	8.7 W	Weight	612.4 g
Power consumption (write)	8.7 W	Other features	
Power consumption (idle)	7.6 W	Drive ready time	10 s

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