

Samsung Spinpoint T 400GB Serial ATA II HDD 3.5"

Brand : Samsung

Product family: Spinpoint T

Product code: HD401LJ

Product name : 400GB Serial
ATA II HDD



400GB Serial ATA II, 7200RPM, 16MB Buffer, 3.5", RoHS

Samsung Spinpoint T 400GB Serial ATA II HDD 3.5":

Features:

- Serial ATA 3.0 Compliant.
- 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† 4.
- ATA Device Configuration Overlay Feature Set.
- Multi-Burst On-The-Fly Error Correction.
- NoiseGuard.
- SilentSeek.

Samsung Spinpoint T 400GB Serial ATA II HDD. HDD size: 3.5", HDD capacity: 400 GB, HDD speed: 7200 RPM

Features		Operational conditions	
HDD size *	3.5"	Operating temperature (T-T)	0 - 60 °C
HDD capacity *	400 GB	Storage temperature (T-T)	-40 - 70 °C
HDD speed *	7200 RPM	Operating relative humidity (H-H)	5 - 90%
Interface *	Serial ATA II	Storage relative humidity (H-H)	5 - 95%
Storage drive buffer size	16 MB	Operating altitude	0 - 3000 m
Full stroke seek time	18 ms	Non-operating altitude	0 - 12000 m
Track to track seek time	0.8 ms	Operating shock	63 G
Average seek time	8.9 ms	Non-operating shock	300 G
Average latency	4.17 ms		
Bytes per sector	512	Other features	
Mean time between failures (MTBF)	600000 h	HDD transfer rate	1000 Mbit/s
		Power requirements	+5V±5%;+12V±10%
Power		Internal	✓
Power consumption (typical)	10 W	Drive ready time	10 s
Power consumption (standby)	1.3 W		
Operating voltage	5 / 12 V		

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