

Samsung N1 Series 40GB HDD 1.8" Ultra-ATA/66

Brand : Samsung

Product family: N1 Series

Product code: HS040HB

Product name : 40GB HDD

Samsung N1 Series 40GB HDD. HDD size: 1.8", HDD capacity: 40 GB, HDD speed: 4200 RPM



Features		Power	
HDD size *	1.8"	Start-up current	0.4 A
HDD capacity *	40 GB	Operational conditions	
HDD speed *	4200 RPM	Operating temperature (T-T)	5 - 60 °C
Interface *	Ultra-ATA/66	Storage temperature (T-T)	-40 - 85 °C
Type *	HDD	Operating relative humidity (H-H)	8 - 90%
Storage drive buffer size	2 MB	Storage relative humidity (H-H)	8 - 90%
Full stroke seek time	26 ms	Operating vibration	0.67 G
Track to track seek time	8.3 ms	Operating altitude	-300 - 3000 m
Average seek time	13 ms	Non-operating altitude	-400 - 15000 m
Bytes per sector	512	Operating shock	600 G
Start/stop cycles	600000	Non-operating shock	1500 G
Mean time between failures (MTBF)	300000 h	Weight & dimensions	
Power		Width	54 mm
Power consumption (typical)	0.8 W	Height	5 mm
Power consumption (standby)	0.07 W	Depth	71 mm
Power consumption (read)	0.9 W	Weight	48 g
Power consumption (write)	0.9 W	Other features	
Power consumption (idle)	0.3 W	Drive ready time	2 s
Operating voltage	3.3 V		

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