

Toshiba 80GB 1.8" SATA 1.8" Serial ATA

Brand : Toshiba

Product code: MK8016GSG

Product name : 80GB 1.8" SATA

MK8016GSG - 80GB, 1.8", SATA, 5400rpm, Cache 8MB

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Toshiba's latest drive, the MK8016GSG, is set to be the perfect hard disk drive for individuals and developers desiring a more powerful mobile PC in a compacter form. The integration of the Serial ATA interface and 5,400 RPM rotational speed into the compact 1.8-inch Form Factor furthers the evolution of mobile PCs into high-end ultra portable systems.

By combining 80GB into a 1.8-inch form factor weighing only 62 grams (max) with a Serial ATA interface, the MK8016GSG allows greater storage capacity with a higher data transfer rate of 150MB/s. This provides computing capabilities traditionally found in desktop and notebook PCs and allows users to enjoy more data, more videos and more music. In addition, the drive boasts lower power consumption and operating shock of 500G / non-operating shock of 1,500G.

Toshiba 80GB 1.8" SATA. HDD size: 1.8", HDD capacity: 80 GB, HDD speed: 5400 RPM



Features		Operational conditions	
HDD size *	1.8"	Operating relative humidity (H-H)	8 - 90%
HDD capacity *	80 GB	Operating vibration	2 G
HDD speed *	5400 RPM	Non-operating vibration	5 G
Interface *	Serial ATA	Operating shock	500 G
Type *	HDD	Non-operating shock	1500 G
Storage drive buffer size	8 MB	Weight & dimensions	
HDD number of heads	4	Width	54 mm
HDD number of cylinders	79.488	Height	8 mm
Track to track seek time	3 ms	Depth	78.5 mm
Average seek time	15 ms	Weight	0.062 g
Average latency	15 ms	Other features	
Bytes per sector	512	HDD transfer rate	150 Mbit/s
Mean time between failures (MTBF)	600000 h	Acoustic pressure emissions	23 dB
Certification	S.M.A.R.T.	Dimensions (WxDxH)	54 x 78.5 x 8 mm
Power		Product colour	Silver
Power consumption (standby)	0.15 W	Internal	✓
Operating voltage	3.3 V	HDD number of plates	2
Operational conditions		Drive ready time	3.5 s
Operating temperature (T-T)	5 - 55 °C	Supported data transfer rates	227 MBit/s - 489 MBit/s
Storage temperature (T-T)	-20 - 65 °C		

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