

Toshiba 80GB Serial ATA 2.5" Serial ATA II

Brand : Toshiba

Product code: MK8046GSX

Product name : 80GB Serial ATA

2.5", 80GB, SATA, 8MB Cache, 5400RPM

Toshiba 80GB Serial ATA 2.5" Serial ATA II:

Toshiba America Information Systems, Inc. (TAIS), Storage Device Division introduces the MK8046GSX 2.5-inch 80GB Hard Disk Drive. The MK8046GSX offers the industries highest areal density per platter, at 200.1 gigabits per square inch. The drive's 5400 RPM motor speed, improves system-level performance by as much as 12 percent when compared to 4200 RPM.

This new drive offers enough capacity for portable video recording and editing, with lower power consumption compared to the traditional 3.5-inch HDDs. This functionality provides ideal storage for a range of commercial and consumer notebooks, as well as non-PC applications such as PDAs, printers, copiers, GPS systems and MP3 players. The MK8046GSX incorporates the Serial ATA (SATA) 2.6 interface and is ATA-8 compliant, supporting high media transfer rates of up to 759 megabytes per second. Toshiba 80GB Serial ATA. HDD size: 2.5", HDD capacity: 80 GB, HDD speed: 5400 RPM



Features		Power	
HDD size *	2.5"	Power consumption (PowerSave)	0.13 W
HDD capacity *	80 GB	Power consumption (read)	1.9 W
HDD speed *	5400 RPM	Power consumption (write)	1.9 W
Interface *	Serial ATA II	Power consumption (idle)	0.6 W
Type *	HDD	Operating voltage	5 V
Storage drive buffer size	8 MB	Operational conditions	
HDD interface transfer rate	3 Gbit/s	Operating temperature (T-T)	5 - 55 °C
HDD number of heads	2	Storage temperature (T-T)	-40 - 60 °C
HDD number of cylinders	85536	Operating vibration	1 G
Full stroke seek time	22 ms	Non-operating vibration	5 G
Track to track seek time	2 ms	Operating shock	350 G
Average seek time	12 ms	Non-operating shock	900 G
Average latency	5.55 ms	Technical details	
Bytes per sector	512	Sustainability certificates	RoHS
Start/stop cycles	600000	Weight & dimensions	
Windows operating systems supported	✓	Width	69.8 mm
Power		Height	9.5 mm
Power consumption (standby)	0.16 W	Depth	100 mm
		Weight	97 g
		Packaging data	
		Quantity	1

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