

Toshiba 40GB Parallel ATA 1.8"

Brand : Toshiba

Product code: MK4009GAL

Product name : 40GB Parallel ATA

1.8", 40GB, PATA, 8MB Cache, 5400RPM

Toshiba 40GB Parallel ATA 1.8":

Toshiba Storage Device Division introduces a new 1.8-inch Hard Disk Drive, the MK4009GAL.

It is based on perpendicular magnetic recording and has a capacity of 40GB. Through the use of a new Low Insertion Force connector (LIF), it is 7 millimetres shorter than current Toshiba drives. This allows manufacturers the possibility to produce even smaller consumer electronics products.

The new drive incorporates the ATA-6 interface and offer 8MB buffer memory.

The MK4009GAL has been developed specifically for ultra-portable devices such as mp3 and multi-media players and Personal Video Recorders.

Toshiba 40GB Parallel ATA. HDD size: 1.8", HDD capacity: 40 GB, HDD speed: 4200 RPM



Features		Power	
HDD size *	1.8"	Power consumption (write)	1 W
HDD capacity *	40 GB	Power consumption (idle)	0.3 W
HDD speed *	4200 RPM	Operating voltage	3.3 V
Interface *	Parallel ATA	Operational conditions	
Type *	HDD	Operating temperature (T-T)	5 - 60 °C
Storage drive buffer size	8 MB	Storage temperature (T-T)	-20 - 65 °C
HDD number of heads	2	Operating relative humidity (H-H)	8 - 90%
HDD number of cylinders	62640	Storage relative humidity (H-H)	8 - 90%
Full stroke seek time	26 ms	Operating vibration	2 G
Track to track seek time	3 ms	Non-operating vibration	5 G
Average seek time	15 ms	Operating shock	500 G
Average latency	7.14 ms	Non-operating shock	1500 G
Bytes per sector	512	Weight & dimensions	
Windows operating systems supported	✓	Width	84 mm
Power		Height	5 mm
Power consumption (standby)	0.12 W	Depth	71 mm
Power consumption (PowerSave)	0.07 W	Weight	48 g
Power consumption (read)	1 W	Packaging data	
		Quantity	1

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