

Toshiba 20GB Parallel ATA 2.5"

Brand : Toshiba

Product code: MK2023GAS

Product name : 20GB Parallel ATA

2.5", 20GB, PATA, 2MB Cache, 4200RPM

Toshiba 20GB Parallel ATA 2.5":

Due to a great demand from Toshiba SDD's vertical market customers, the MK-2023GAS is one of the most successful hard disk drives for OEM. As opposed to the bigger capacity Toshiba drives, this 20GB HDD fits neatly into a niche market of small form factor, low capacity storage devices. Ideally, the MK-2023GAS is used in multi-media applications such as MP3 players and external storage devices with new applications being developed rapidly by telecommunication and automotive consortiums/companies.

Toshiba 20GB Parallel ATA. HDD size: 2.5", HDD capacity: 20 GB, HDD speed: 4200 RPM



Features		Power	
HDD size *	2.5"	Power consumption (PowerSave)	0.1 W
HDD capacity *	20 GB	Power consumption (read)	2.3 W
HDD speed *	4200 RPM	Power consumption (write)	2.3 W
Interface *	Parallel ATA	Operating voltage	5 V
Type *	HDD	Operational conditions	
Storage drive buffer size	2 MB	Operating temperature (T-T)	5 - 55 °C
HDD number of heads	2	Storage temperature (T-T)	-20 - 60 °C
HDD number of cylinders	34040	Operating shock	200 G
Full stroke seek time	22 ms	Non-operating shock	800 G
Track to track seek time	2 ms	Weight & dimensions	
Average seek time	12 ms	Width	69.8 mm
Average latency	7.14 ms	Height	9.5 mm
Bytes per sector	512	Depth	100 mm
Mean time between failures (MTBF)	300000 h	Weight	94 g
Windows operating systems supported	✓	Packaging data	
Power		Quantity	1
Power consumption (standby)	0.25 W	Other features	
		Acoustic pressure emissions	24 dB
		Drive ready time	4 s

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