

TOSHIBA

Toshiba 100GB Serial ATA 2.5"

Brand : Toshiba

Product code: MK1032GSX

Product name : 100GB Serial ATA

2.5", 100GB, SATA, 16MB Cache, 5400RPM

Toshiba 100GB Serial ATA 2.5":

By using Toshiba's updated Hard disk drive technology, this Toshiba 100 GB 2.5-inch hard disk drive with SATA interface is a highly advanced product.

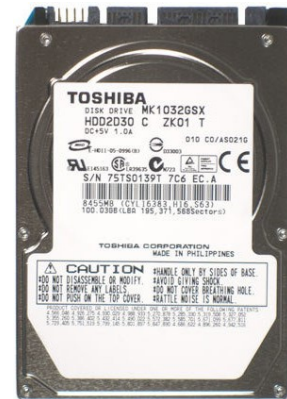
Serial ATA or SATA is an evolution of the parallel ATA (PATA, also known as IDE) physical storage interface. Visually, the cables used are the most noticeable change from PATA. The SATA standard define a data cable using seven lines with a max. length up to 1 meter.

Furthermore the data cable is thinner and facilitate more efficient airflow inside a form factor and also allow for smaller chassis designs.

Another advantage of SATA is low power consumption due to a reduced voltage of the signal lines.

This HDD is so the best solution for small Notebooks and small consumer electronics products.

Toshiba 100GB Serial ATA. HDD size: 2.5", HDD capacity: 100 GB, HDD speed: 5400 RPM



Features

HDD size *	2.5"
HDD capacity *	100 GB
HDD speed *	5400 RPM
Interface *	Serial ATA
Type *	HDD
Storage drive buffer size	16 MB
HDD number of heads	4
HDD number of cylinders	69840
Track to track seek time	2 ms
Average seek time	12 ms
Bytes per sector	512
Mean time between failures (MTBF)	300000 h
Windows operating systems supported	✓

Power

Power consumption (standby)	0.25 W
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Power

Power consumption (PowerSave)	0.15 W
Power consumption (read)	2 W
Power consumption (write)	2 W
Operating voltage	5 V

Operational conditions

Operating temperature (T-T)	5 - 55 °C
Storage temperature (T-T)	-20 - 60 °C
Operating altitude	-300 - 3000 m
Operating shock	325 G
Non-operating shock	850 G

Weight & dimensions

Width	69.8 mm
Height	9.5 mm
Depth	100 mm
Weight	98 g

Packaging data

Quantity	1
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Publication date: 20-OCT-2023. Prints or copies of Information are only valid on the printed Publication date