

## Toshiba 120GB Serial ATA 2.5" Serial ATA II

**Brand :** Toshiba

**Product code:** MK1234GSX

**Product name :** 120GB Serial ATA

2.5", 120GB, SATA, 8MB Cache, 5400RPM

Toshiba 120GB Serial ATA 2.5" Serial ATA II:

The MK1234GSX offers the industries highest areal density per platter, at 104.0 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 MK1234GSX incorporates the Serial ATA (SATA) II interface and is ATA-7 compliant, supporting high transfer rates of up to 150 megabytes per second.

Toshiba 120GB Serial ATA. HDD size: 2.5", HDD capacity: 120 GB, HDD speed: 5400 RPM



Features		Power	
HDD size *	2.5"	Power consumption (read)	2 W
HDD capacity *	120 GB	Power consumption (write)	2 W
HDD speed *	5400 RPM	Power consumption (idle)	0.8 W
Interface *	Serial ATA II	Operating voltage	5 V
Type *	HDD	<b>Operational conditions</b>	
Storage drive buffer size	8 MB	Operating temperature (T-T)	5 - 55 °C
HDD number of heads	4	Storage temperature (T-T)	-20 - 60 °C
HDD number of cylinders	79056	Operating vibration	1 G
Track to track seek time	2 ms	Non-operating vibration	5 G
Average seek time	12 ms	Operating shock	325 G
Average latency	5.55 ms	Non-operating shock	850 G
Bytes per sector	512	<b>Technical details</b>	
Start/stop cycles	600000	Sustainability certificates	RoHS
Windows operating systems supported	✓	<b>Weight &amp; dimensions</b>	
<b>Power</b>		Width	69.8 mm
Power consumption (standby)	0.25 W	Height	9.5 mm
Power consumption (PowerSave)	0.15 W	Depth	100 mm
		Weight	101 g
		<b>Packaging data</b>	
		Quantity	1

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