

## Toshiba MK4001GRZB internal solid state drive 2.5" 400 GB SAS SLC

**Brand :** Toshiba

**Product code:** MK4001GRZB

**Product name :** MK4001GRZB



400GB, SAS, 2.5", SLC, 6 Gbps, 160g, Black

[Toshiba MK4001GRZB internal solid state drive 2.5" 400 GB SAS SLC:](#)

Extending its position in the enterprise storage market, Toshiba Storage Device Division offers its new family of enterprise-class solid state drives (eSSDs). The MKx001GRZB uses the latest 32 nanometer (nm) enterprise grade single-level cell (SLC) NAND flash memory from Toshiba and 6 Gb/sec Serial Attached SCSI (SAS) interface..

The 2.5-inch (6.4cm) eSSD is available in three levels of capacity, 100, 200, and 400GB and is designed for use in demanding enterprise environments, such as servers, direct-attached storage and network-attached storage.

The MKx001GRZB delivers performance of 90,000 read and 17,000 write IOPS2 and sustained 510MB/sec read and 230MB/sec write throughput. Combined with a low power requirement of only 6.5 Watts at operation, Toshiba's eSSD family also delivers an industry-leading power efficiency.

Features		Operational conditions	
SSD form factor *	2.5"	Storage relative humidity (H-H)	5 - 95%
SSD capacity *	400 GB	Operating vibration	1 G
Interface *	SAS	Non-operating vibration	5 G
Memory type *	SLC	Operating shock	100 G
Component for *	Server/workstation	Non-operating shock	100 G
Data transfer rate	6 Gbit/s	Maximum non-operating altitude	12192 m
Read speed	510 MB/s	Maximum operating altitude	4000 m
Write speed	230 MB/s	<b>Weight &amp; dimensions</b>	
Mean time between failures (MTBF)	2000000 h	Width	69.8 mm
Windows operating systems supported	✓	Depth	100.5 mm
<b>Power</b>		Height	15 mm
Power consumption (read)	1.9 W	Weight	160 g
<b>Operational conditions</b>		<b>Packaging data</b>	
Operating temperature (T-T)	0 - 55 °C	Quick start guide	✓
Storage temperature (T-T)	-40 - 70 °C	<b>Other features</b>	
Operating relative humidity (H-H)	5 - 95%	Product colour	Black
		Internal	✓



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