

# TOSHIBA

Leading Innovation >>>

STORAGE DEVICE DIVISION



## MKxx75GSX

2.5-inch SATA HDD

### Key Advantages:

- Up to 750GB Storage Capacity
- 3Gb/s Serial ATA, revision 2.6
- 5,400 Rotational Speed
- Eco-Conscious and Durable Design

### Applications:

- Notebooks and Small Form Factor PCs
- Video Surveillance systems
- Gaming Consoles
- External Storage Devices

### Specifications:

	MK1675GSX/MK3275GSX/MK6475GSX			MK2575GSX/MK5075GSX		MK7575GSX
Storage Capacity, Formatted	160 GB	320 GB	640 GB	250 GB	500 GB	750 GB
Number of Platters	1	1	2	1	2	2
Number of Heads	1	2	4	2	4	4
Bytes/ Sector	4k					
Rotational Speed (rpm)	5,400					
Average Latency	5.55 ms					
<b>Average Seek Time:</b>						
Track-to-Track (seek)	2 ms					
Average seek	12 ms					
<b>Interface:</b>						
Type	Serial ATA 2.6 / ATA-8					
Data Transfer Rate:	3Gb/s					
<b>Buffer (MB)</b>	8					
<b>Power Requirements:</b>						
Voltage (V); Supply	+5V (±5%)					
Sleep (W)	0.15					
Standby (W)	0.18					
Read / Write (W)	1.5					
Spin-up (start) (W)	4.5					
<b>Physical &amp; Environmental Specifications Dimensions – mm:</b>						
Width x Depth x Height	69.85 x 100.0 x 9.5 mm					
Weight max	98 g	98 g	102 g	98 g	102 g	102 g
<b>Environmental:</b>						
Temp: Operating / Non-operating in °C	5 to 55°C / -40 to 60°C					
Shock Operating / Non-operating	400 G (2ms) / 900 G (1ms)					
Vibration: Operating	1.0G with 5 to 500Hz					
Acoustic Noise (random seek)	20 dBA	20 dBA	25 dBA	20 dBA	25 dBA	25 dBA
ROHS Compliant	Yes					

[storage.toshiba.eu](http://storage.toshiba.eu)

