

# TOSHIBA

Leading Innovation >>>

STORAGE DEVICE DIVISION



## MK1060GSCX

2.5-inch SATA HDD

### Key Advantages:

- 100GB Storage Capacity
- Extended Temperature Tolerance
- Extended Altitude Tolerance
- 24x7 Power-On Operation in Lower-Duty Cycle Applications

### Applications:

- Robotics
- Industrial PC
- Factory PC
- Digital Surveillance
- And more industrial applications

### Specifications:

	MK1060GSCX
Storage Capacity, Formatted	100GB
Number of Platters	1
Number of Heads	1
Bytes/ Sector	512
Rotational Speed (rpm)	4,200
<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:	1.5Gb/s
<b>Buffer (MB)</b>	8
<b>Power Requirements:</b>	
Voltage (V); Supply	+5V (±5%)
Sleep (w)	0.13
Standby (w)	0.25
Read / Write (w)	2.0
Spin-up (start) (w)	7 (-30°C to -20°C) 5.5 (-20°C to 85°C)
<b>Physical &amp; Environmental Specifications Dimensions – mm:</b>	
Width x Depth x Height	69.85 x 100 x 9.5 mm
Weight max	98 g
<b>Environmental:</b>	
Temp: Operating / Non-operating in °C	-30°C to 85°C (-15°C to 70°C at 24x7) / -40°C to 95°C
Shock Operating / Non-operating	300G (2ms) / 800 G (1ms)
Vibration: Operating	3G, with 8 – 50 Hz / 2.5, with 50 – 200Hz / 2G, with 200-500Hz
Altitude: Operating	-300m to 5,650m
Acoustic Noise (random seek)	23 dBA
ROHS Compliant	Yes

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



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