

TOSHIBA

Leading Innovation >>>

STORAGE DEVICE DIVISION



* Photo for Marketing Purposes Only. Labelling may differ from actual drive shipped.

MK8050GACY

2.5-inch PATA HDD

Key Advantages:

- 80GB Storage Capacity
- Extended Temperature Tolerance
- Extended Altitude Tolerance
- 24x7 Power-On Operation in Lower-Duty Cycle Applications

Applications:

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

Specifications:

	MK8050GACY
Storage Capacity, Formatted	80GB
Number of Platters	1
Number of Heads	2
Bytes/ Sector	512
Rotational Speed (rpm)	4,200
Average Seek Time:	
Track-to-Track (seek)	3 ms
Average seek	16 ms
Interface:	
Type	Parallel ATA (ATA-7)
Buffer (MB)	8
Power Requirements:	
Voltage (V); Supply	+5V (±5%)
Sleep (w)	0.1
Standby (w)	0.25
Read / Write (w)	2.0
Spin-up (start) (w)	5.5 max
Physical & Environmental Specifications Dimensions – mm:	
Width x Depth x Height	69.85 x 100 x 9.5 mm
Weight max	98 g
Environmental:	
Temp: Operating / Non-operating in °C	-20°C to 70°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 5 – 50 Hz / 2.0, with 50 – 200Hz / 1.0G, with 200-500Hz
Altitude: Operating	-300m to 5,500m
Acoustic Noise (random seek)	26 dBA
ROHS Compliant	Yes

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