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STORAGE DEVICE DIVISION

MK1060GSC
2.5-inch SATA HDD

Key Advantages:

- 100GB Storage Capacity
- 1.5 Gb/s Interface Transfer Rate
- Extended Temperature Tolerance
- Extended Altitude Tolerance

Applications:

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

Specifications:

	MK1060GSC
Storage Capacity, Formatted	100GB
Number of Platters	1
Number of Heads	1
Bytes/ Sector	512
Rotational Speed (rpm)	4,200
Average Seek Time:	
Track-to-Track (seek)	2 ms
Average seek	12 ms
Interface:	
Type	Serial ATA 2.6 / ATA-8
Data Transfer Rate:	1.5Gb/s
Buffer (MB)	8
Power Requirements:	
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)
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	-30°C to 85°C / -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
Humidity: Operating	From 5% to 90%
Accoustic Noise (random seek)	23 dBA
ROHS Compliant	Yes

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