

# MEMORY DEVICE

## Industrial Grade 2.5" SATA III SSD S8



- SATA 6GB/s compatible drive
- Ideal replacement for 2.5 inch SATA HDD
- SLC NAND Flash technology
- Capacity 32GB ~512GB
- Operating Temperature range 0°C~70°C or -40°C ~ 85°C
- Supreme reliability, 100% compatible with standard hard drives
- AES 256-bit rock-solid encryption to secure your data
- S.M.A.R.T capable for easy drive monitoring
- 7mm height mechanical design (9mm height upon request)
- Made in Taiwan - Fixed BOM

### Technical data:

#### Electrical & performance:

Interface:	SATA III 6.0GB/sec.
DC input voltage:	4.75-5.25VDC
Power consumption:	4.6W (max)
Transfer rate:	Read 500MB/s and write 400MB/s

#### Environmental:

Temperature range:	Standard: 0°C ~ +70°C, Wide: -40°C ~ +85°C
Storage temperature:	-40°C ~ +85°C
Vibration:	20G (80-2000Hz)
Shock:	1500G (0.5ms)
Acoustic noise:	0dB

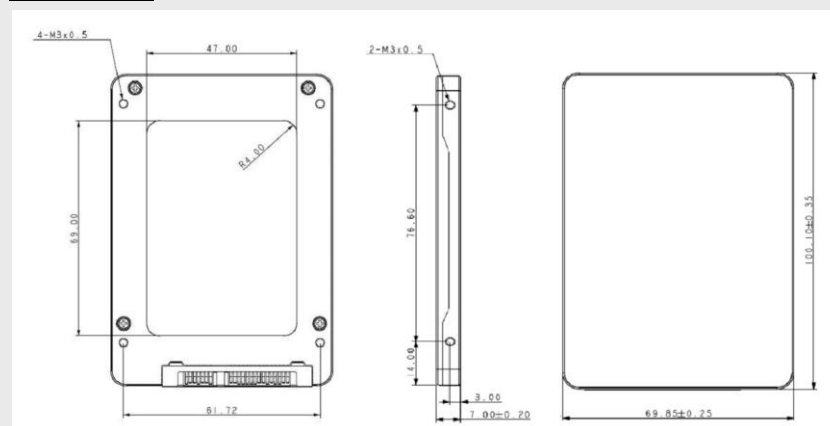
#### Reliability:

Endurance/TBW (max):	1370TB (Tera Bytes Written)
MTBF:	>1.000.000 hours

#### Mechanical & Certificates:

Size (LxWxH):	100.10x69.85x7.00mm
Weight:	50g
Certificate:	CE/FCC/RoHS

#### Dimensions:



#### Ordering information:

Standard temp range	Wide temp range	Capacity
S8PH032GC8-PM	S8PH032GI8-PM	32GB
S8PH064GC8-PM	S8PH064GI8-PM	64GB
S8PH128GC8-PM	S8PH128GI8-PM	128GB
S8PH256GC8-PM	S8PH256GI8-PM	256GB
S8PH512GC8-PM	S8PH512GI8-PM	512GB