

MEMXPRO 2.5" SSD RB31 (Power Plus)

Power Plus supported, 20K+ P/E cycles



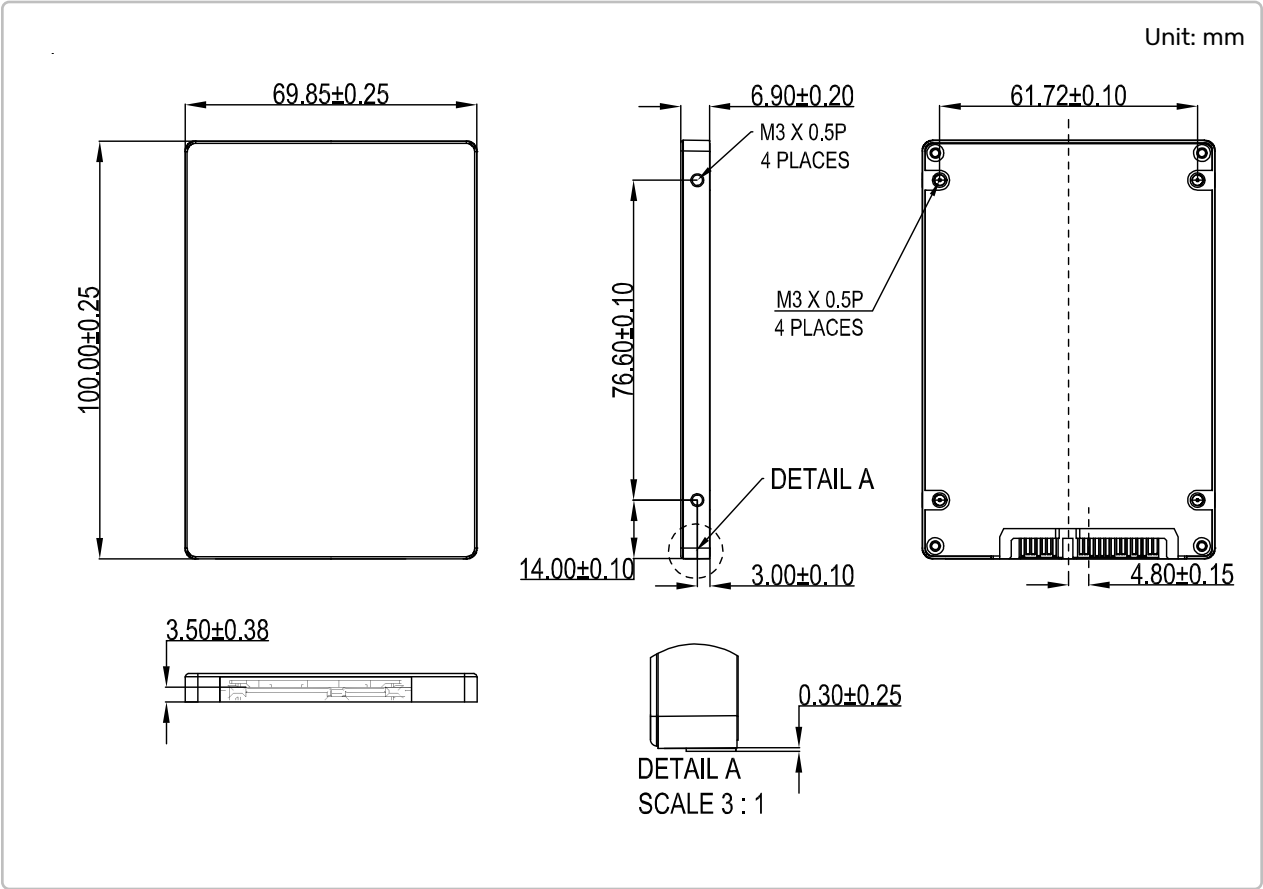
Features

- Industrial SATA III 2.5" SSD
- Power Plus for data protection
- StrongMLC mode , up to 256GB capacity
- Commercial/extended/wide temp. solutions
- Built-in ECC and OCP/OVP
- NCQ/TRIM/SMART support
- mSMART storage device monitoring

Specification

Product Model	2.5" SSD RB31 (Power Plus)
Interface	SATA III
Form Factor	2.5" SSD (SFF-8201)
Flash Type	StrongMLC
P/E Cycle	20,000 times
Max. Channel	4
Density	32GB~256GB
Sequential R/W (MB/sec, max.)	552/439
Operating Temperature	0°C~+70°C/-25°C~+85°C/-40°C~+85°C
Max. Power Consumption	6W (5Vx1.2A)
Dimension (L x W x H/mm)	100x69.85x9.3
Operating Voltage	5V±5%
Storage Temperature	-55°C~+95°C
External DRAM Buffer	✓
Thermal Sensor	✓
DEVSLP Mode	N/A
ATA Security	✓
S.M.A.R.T.	✓
TRIM	✓
Vibration	20G (7~2KHz)
Shock Resistance	1500G@0.5ms
MTBF	>3 million hours

Dimensions



Ordering Information

Brand	Capacity	Commercial (0°C~70°C)	Extended (-25°C~+85°C)	Industrial (-40°C~+85°C)
Toshiba	32GB	FRS25-32GTBS462C3P	FRS25-32GTBS462E3P	FRS25-32GTBS462W3P
	64GB	FRS25-64GTBS464C3P	FRS25-64GTBS464E3P	FRS25-64GTBS464W3P
	128GB	FRS25-A2GTBS464C3P	FRS25-A2GTBS464E3P	FRS25-A2GTBS464W3P
	256GB	FRS25-B5GTBS464C3P	FRS25-B5GTBS464E3P	FRS25-B5GTBS464W3P

Power Plus

To ensure the safety of data from an unexpected power failure, Power Plus with POSCAP design can provide power backup, which is long enough for all data in the DRAM buffers to be totally written back to mitigate catastrophic power failure.

