

MEMXPRO 2.5" SSD E231 Series

4TB high capacity & wide temperature



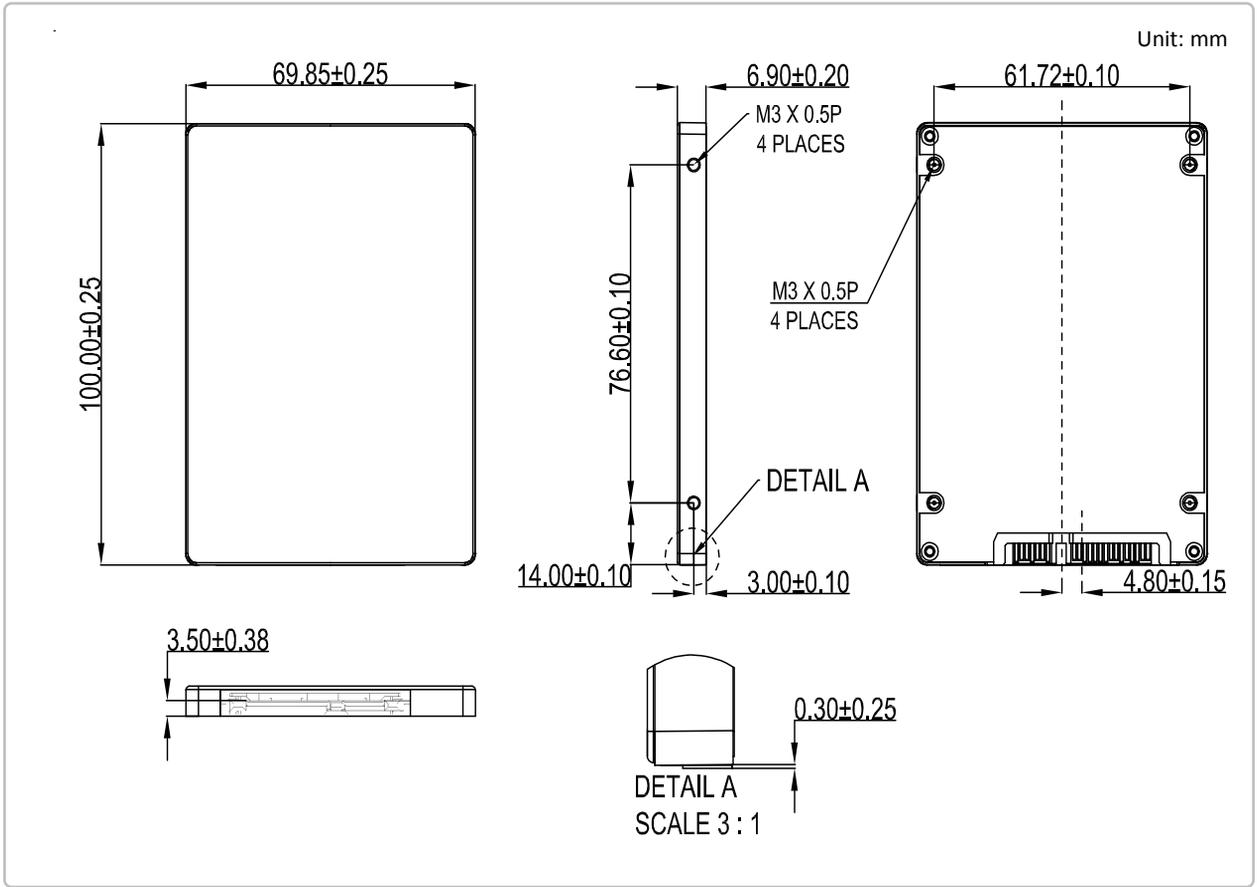
Features

- Industrial SATA III 2.5" SSD
- MLC eMMC, up to 4TB capacity
- Extended/wide temp. solutions
- Built-in ECC and OCP/OVP
- NCQ/TRIM/SMART support
- mSMART storage device monitoring

Specification

Product Model	2.5" SSD E231
Interface	SATA III
Form Factor	2.5" SSD (SFF-8201)
Flash Type	MLC eMMC
Max. Channel	8
Density	512GB-4TB
Sequential R/W (MB/sec, max.)	516/425
Operating Temperature	-25°C~+85°C/-40°C~+85°C
Max. Power Consumption	6.6W (5V x 1320mA)
Dimension (L x W x H/mm)	100 x 69.85 x 7
Operating Voltage	5V ± 5%
Storage Temperature	-55°C~+95°C
External DRAM Buffer	N/A
Thermal Sensor	✓
DEVSLP Mode	N/A
ATA Security	✓
S.M.A.R.T.	✓
TRIM	✓
Vibration	20G (7~2K Hz)
Shock Resistance	1500G@0.5ms
MTBF	>3 million hours

Dimensions



Ordering Information

Capacity	Extended (-25°C~85°C)	Industrial (-40°C~+85°C)
512GB	FES25-E1GT2M084E1	FES25-E1GT2M084W1
1TB	FES25-010T2M088E1	FES25-010T2M088W1
2TB	FES25-020T2M088E1	FES25-020T2M088W1
4TB	FES25-040T2M088E1	FES25-040T2M088W1