

# MEMXPRO 2.5" SSD PM31 Series

High performance & high IOPS



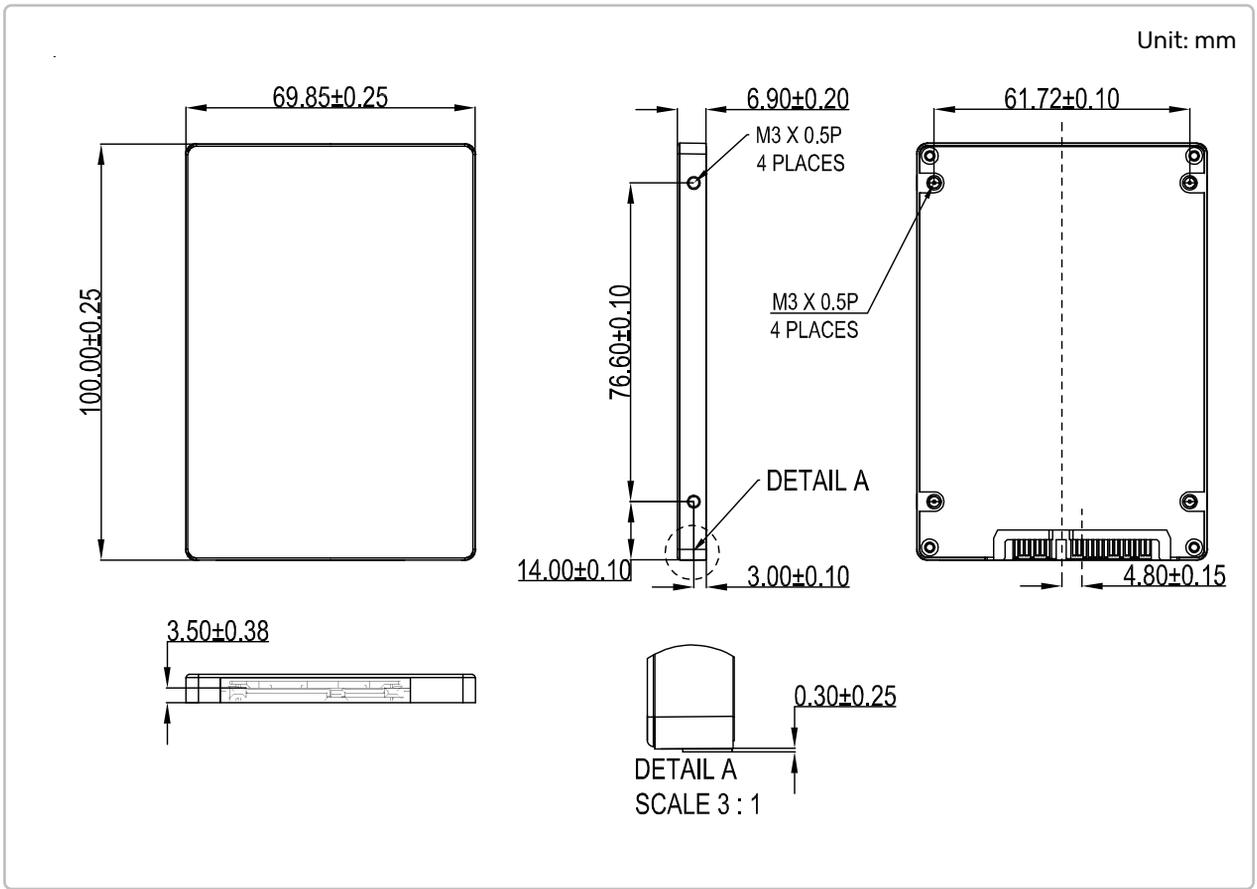
## Features

- Industrial SATA III 2.5" SSD
- High IOPS and superior performance
- MLC, up to 512GB 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 PM31
Interface	SATA III
Form Factor	2.5" SSD (SFF-8201)
Flash Type	MLC
Max. Channel	4
Density	64GB~512GB
Sequential R/W (MB/sec, max.)	545/453
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)	100x69.85x6.9
Operating Voltage	5V±5%
Storage Temperature	-55°C~+95°C
External DRAM Buffer	✓
Thermal Sensor	✓
DEVSLP Mode	<5mW
ATA Security	✓
S.M.A.R.T.	✓
TRIM	✓
Vibration	20G (7~2KHz)
Shock Resistance	1500G@0.5ms
MTBF	>3 million hours

# Dimensions



# Ordering Information

Capacity	Commercial (0°C~70°C)	Extended (-25°C~+85°C)	Industrial (-40°C~+85°C)
64GB	FPS25-64GTMS462C2	FPS25-64GTMS462E2	FPS25-64GTMS462W2
128GB	FPS25-A2GTMS464C2	FPS25-A2GTMS464E2	FPS25-A2GTMS464W2
256GB	FPS25-B5GTMS464C2	FPS25-B5GTMS464E2	FPS25-B5GTMS464W2
512GB	FPS25-E1GTMS464C2	FPS25-E1GTMS464E2	FPS25-E1GTMS464W2