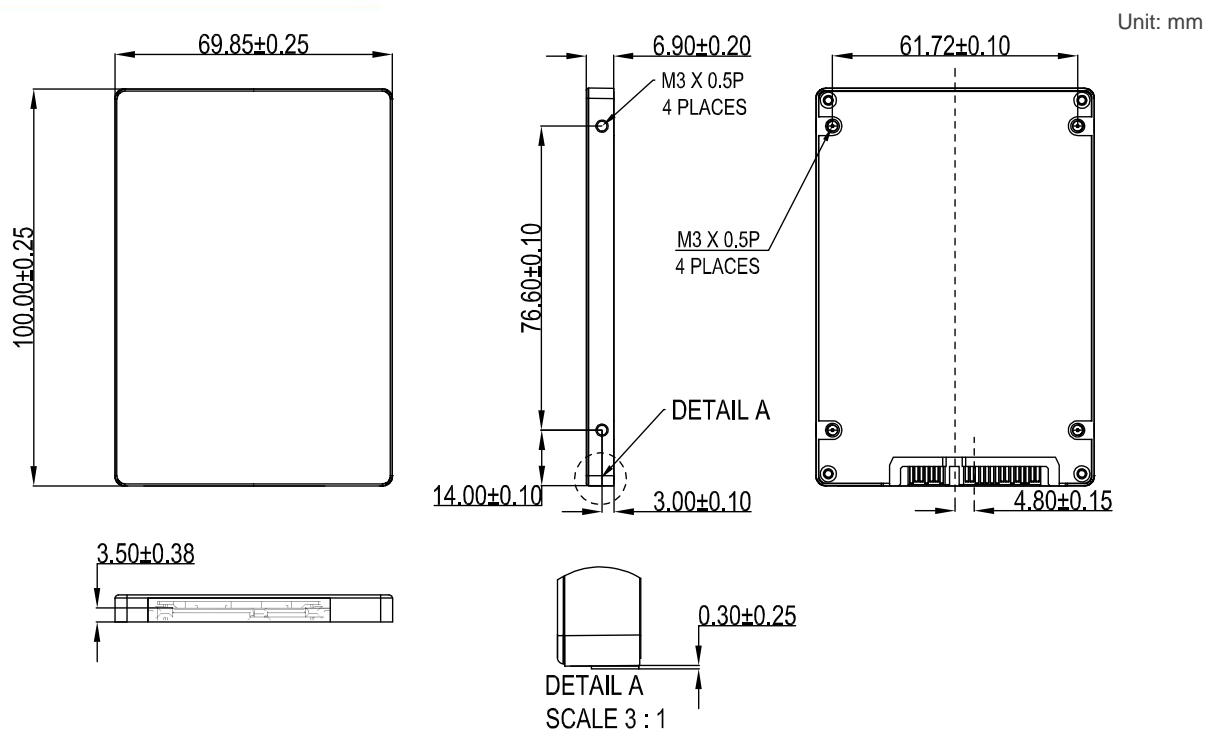


## 2.5" SSD-C Series



The MemxPro 2.5" SSD-C series are AES 256-bit encrypted SSD solutions. AES (Advanced Encryption Standard) algorithm is used for the encryption and decryption of data in order to prevent data theft from hackers and malware. Specific keys are required before using the SSD. AES 256-bit has a long block size and key sizes of 256 bits and is amongst the top ciphers for national security systems at all classification levels up to top secret grade.

- Compliant with SFF-8201 specification.
- SATA III interface running at up to 6Gb/s.
- SLC/MLC versions in standard, extended, and industrial grade temperature ranges.
- Military-grade AES 256-bit data encryption and key management.
- Ruggedized shock and vibration resistant enclosure with 7mm height mechanical design.
- SMARTPro device monitoring tool or SDK library support.



Product Model	2.5" SSD M3A-C	2.5" SSD S3A-C
Interface	SATA III	SATA III
Form Factor	2.5" SSD (SFF-8201)	2.5" SSD (SFF-8201)
Flash Type	MLC	SLC
Max. Channel	4	4
Density	16GB~1TB	8GB~256GB
Sequential R/W (MB/sec, max.)	545/453	550/450
Operating Temperature	0°C~+70°C/-25°C~+85°C/-40°C~+85°C	0°C~+70°C/-25°C~+85°C/-40°C~+85°C
Max. Power Consumption	6W(5Vx1.2A)	6W(5Vx1.2A)
Dimension (LxWxH/mm)	100x69.85x7	100x69.85x7
Operating Voltage	5V±5%	5V±5%
Storage Temperature	-55°C~+95°C	-55°C~+95°C
External DRAM Buffer	✓	✓
Thermal Sensor	✓	✓
DEVSLP Mode	<5mW	<5mW
ATA Security	✓	✓
S.M.A.R.T.	✓	✓
TRIM	✓	✓
Vibration	20G (7~2KHz)	20G (7~2KHz)
Shock Resistance	1500G@0.5ms	1500G@0.5ms
MTBF	>3 million hours	>3 million hours

Note: SLC products are supported upon request with MOQ requirement.

## MemxPro Inc.

Tel : 886-2-8978-8997 Fax : 886-2-3393-0516 E-mail: info@memxpro.com

Address: 4F., No.32, Xiwei St., Sanchong Dist., New Taipei City, 24155, TAIWAN(R.O.C.)