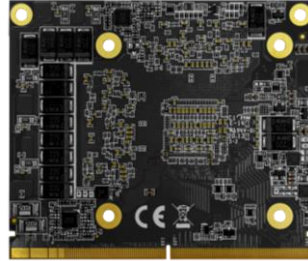
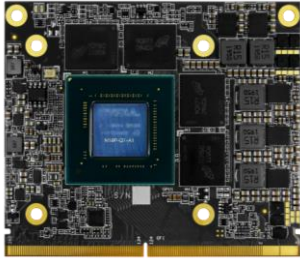


# AI Accelerator & GPU

# MXM Module M3T1000-PN



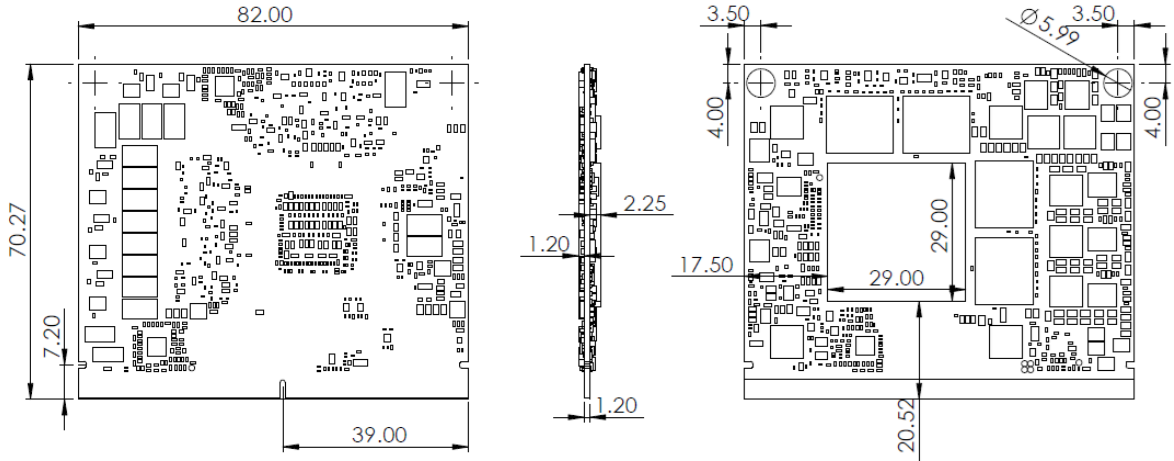
## Features

- NVIDIA Quadro T1000 embedded graphics based on NVIDIA Turing architecture
- 896 CUDA cores, 4GB GDDR6 memory
- 2.6 TFLOPS peak FP32 performance
- Support up to 4x DisplayPort 1.4 displays
- Support CUDA Compute version 7.5, OpenCL 1.2, OpenGL 4.6, DirectX 12 and Vulkan 1.1 API

## Specifications

Model Number	M3T1000-PN
GPU Engine Specs	NVIDIA Quadro T1000 Architecture: NVIDIA Turing TU117 CUDA Cores: 896 Floating Point Performance: 2.6 TFLOPS
Memory Specs	Size: 4GB GDDR6 Clock: 12 Gbps Interface Width: 128-bit Bandwidth (GB/sec): 192
Feature Support	PCI Express 3.0 DirectX: 12 Open GL 4.6 Vulkan 1.1 API
Display	Resolution: 7680x4320 Max: 4x DisplayPort
Power Consumption	Total Graphics Power (TGP): 50 W
Form Factor	MXM Graphics Module Version 3.1, Type A
Dimensions (WxD)	82.0 x 70.0 mm (3.22" x 2.75")
Net Weight	33g (0.0728lb)
Vibration	2.4Grms, @5~500 Hz, Sine, 0.5Hr/axis
Temperature	Standard: Operating Temp.: 0 to +55°C (32°F ~ 131°F) / Extended Operating Temp.: -40 to +85°C (-40°F ~ 185°F) / Storage Temperature: -40 to +85°C (-40°F ~ 185°F)
Humidity	95% @ 40°C Related Humidity, Non-condensing
OS Support	Windows 10 64-bit, Linux 64-bit
Certification	CE/FCC

**System & Mounting Dimensions**



**Ordering Information**

Model name	Description
M3T1000-PN	MXM-A, NVIDIA Quadro T1000, Gen3.0 x16, 4GB GDDR6, DP, 50W, 0°C to +55°C
M3T1000-PN-A	MXM-A, NVIDIA Quadro T1000, Gen3.0 x16, 4GB GDDR6, DP, 50W, -40°C to +85°C

**Accessory (Optional)**

Part No.	Description
92-6MXM4H-1000	PCIE Carrier Board, MXM3.1, Gen4.0 x16, 4x HDMI, 0°C to +55°C
39-V14646-0001	MXM-A Cooler, TWO BALL, 12V 4800RPM, 73*60*32.1mm, 0°C to +55°C (Active cooler)
39-V34646-0000	MXM-A Heat Spreader, 82*62.35*4.9mm, AL6063 (Screw*4) (Heat spreader)

