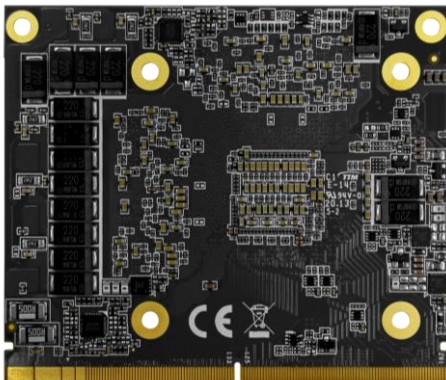
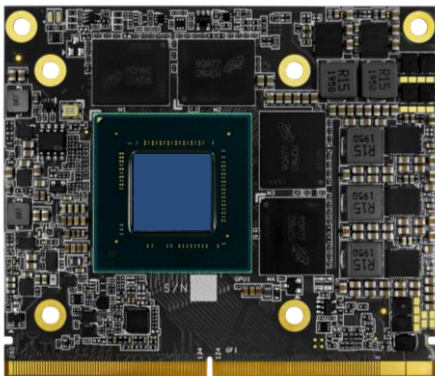


M3T1000-PN

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 4 DisplayPort 1.4 displays
- Support CUDA Compute version 7.5, OpenCL 1.2, OpenGL 4.6, DirectX 12 and Vulkan 1.1 API
- 5-year life cycle availability

Specifications



GPU Engine Specs

GPU	NVIDIA Quadro T1000
GPU Architecture	NVIDIA Turing TU117
GPU Clock (Base/Boost)	1395/1455 MHz
NVIDIA CUDA Cores	896
Floating Point Performance	2.6 TFLOPS SP Peak

Memory Specs

Memory Size	4GB GDDR6
Memory Clock	12.0 Gbps
Memory Interface Width	128-bit
Memory Bandwidth (GB/sec)	192

Feature Support

Bus Support	PCI Express 3.0
Open GL	4.6
DirectX	12
Open CL	1.2
Operation System	Windows 10 64-bit Linux 64-bit

Display Support

Max. Digital Display Support	7680x4320
Max. Displays per Board	4

Display Interface	DP_A: DisplayPort1.4
	DP_B: DisplayPort1.4
	DP_C: DisplayPort1.4
	DP_D: DisplayPort1.4

Power Specs

Max. Board Power Consumption (W)	50 W
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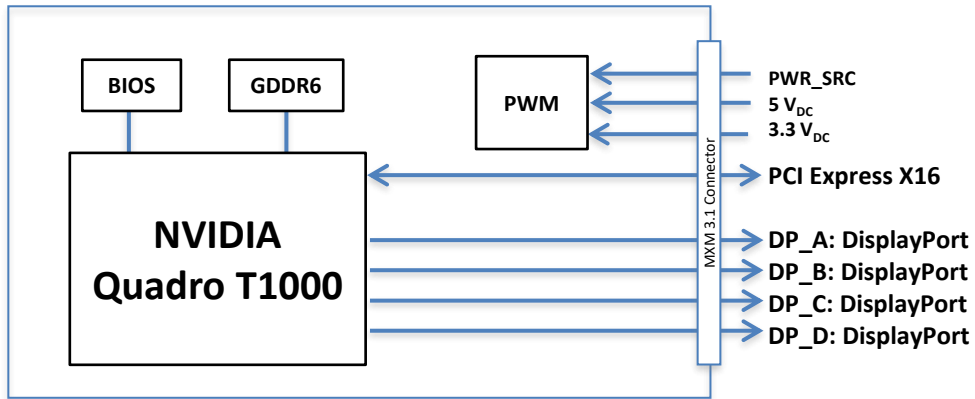
Dimensions

Form Factor	MXM graphics module version 3.1, Type A
Dimensions	82 x 70 mm

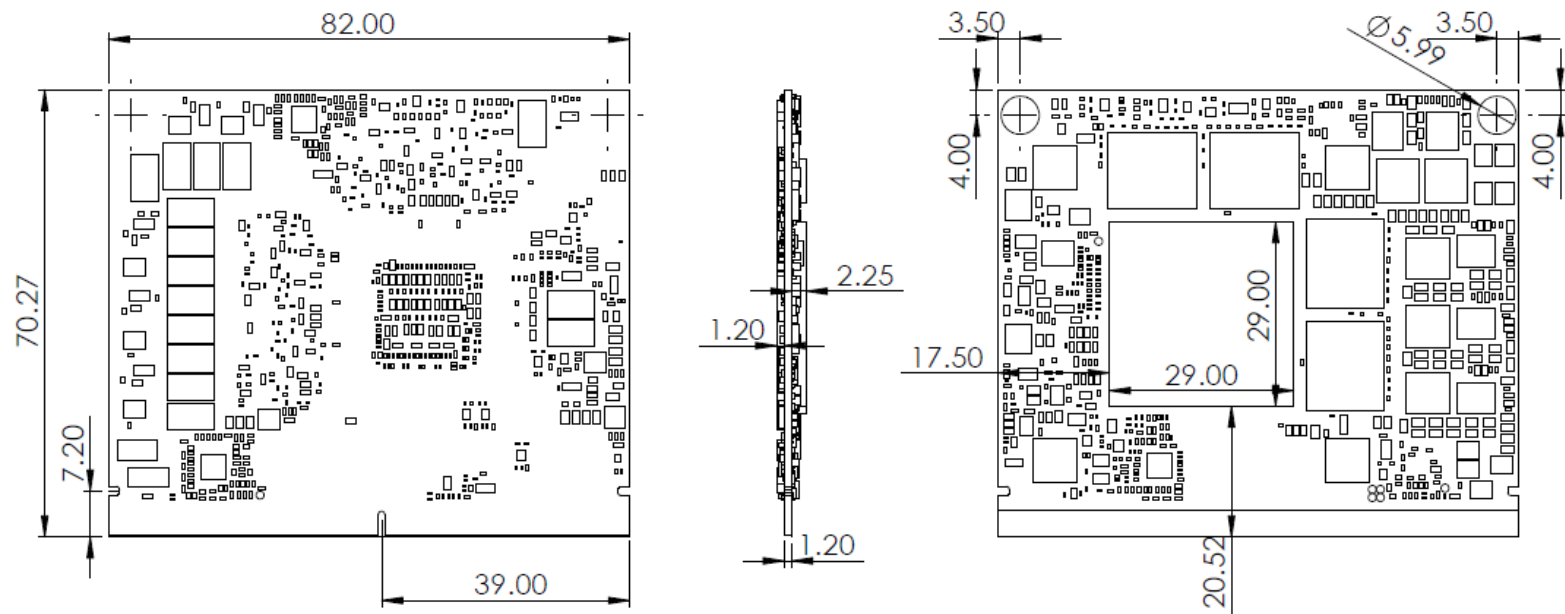
Environmental

Operating Temp.	Standard: 0 to +55°C, Relative Humidity 5 to 90%
Storage Temp.	Wide: -40 to +85°C, Relative Humidity 5 to 90%
	-40 to +125°C, Relative Humidity 5 to 95%

Block Diagram



Mechanical



Ordering Information

Module Number	Description
M3T1000-PN	MXM3.1 Type A, NVIDIA Quadro T1000, 4GB GDDR6, 0°C to +55°C
M3T1000-PN-A	MXM3.1 Type A, NVIDIA Quadro T1000, 4GB GDDR6, -40°C to +85°C