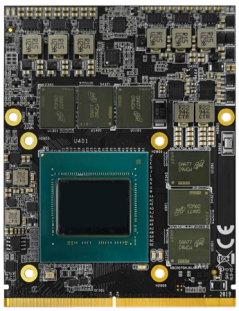
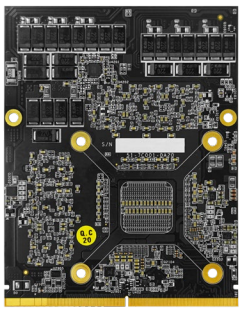
AI Accelerator &GPU

MXM Module M3T3000-QN





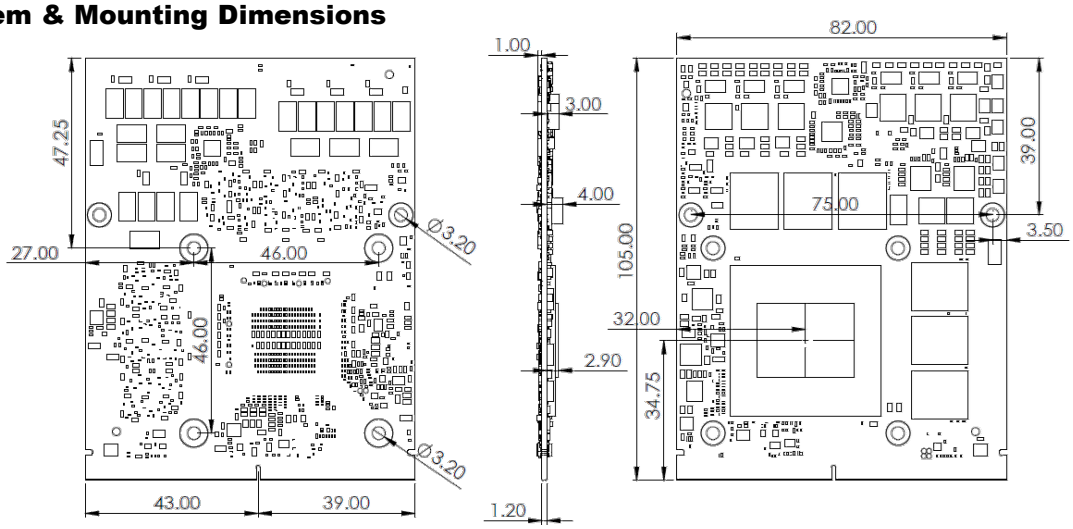
Features

- NVIDIA Quadro RTX 3000 embedded graphics based on NVIDIA Turing architecture
- 1920 CUDA cores, 30 RT cores and 240 Tensor cores, 6GB GDDR6 memory
- 5.3 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

Specifications

Model Number	M3T3000-QN
GPU Engine Specs	NVIDIA Quadro RTX 3000 Architecture: NVIDIA Turing TU106 CUDA Cores: 1920 Tensor Cores: 240 RT Cores: 30 Floating Point Performance: 5.3 TFLOPS
Memory Specs	Size: 6GB GDDR6 Clock: 14 Gbps Interface Width: 192-bit Bandwidth (GB/sec): 336
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): 80 W
Form Factor	MXM Graphics Module Version 3.1, Type B
Dimensions (WxD)	82.0 x 105.0 mm (3.22” x 4.13”)
Net Weight	65g (0.1433lb)
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 +70˚C (-40˚F ~ 158˚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
M3T3000-QN	MXM3.1 Type B, NVIDIA Quadro RTX 3000, 6GB GDDR6, 0°C to +55°C
M3T3000-QN-H	MXM3.1 Type B, NVIDIA Quadro RTX 3000, 6GB GDDR6, -40°C to +70°C

Accessory (Optional)

Part No.	Description
62-7MXM6D-1000	PCIE Carrier Board, MXM3.1, 6x DP, 0°C to +55°C
92-6MXM4H-1000	PCIE Carrier Board, MXM3.1, 4x HDMI, 0°C to +55°C
39-V16257-0000	MXM-B Two Ball Bearing 12V 4000rpm 106*87*34mm (Active cooler)