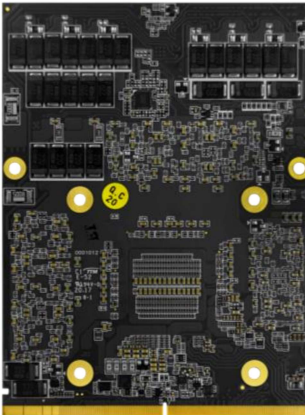
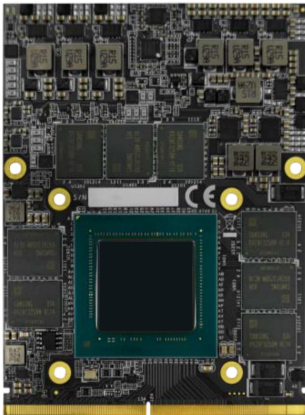


M3T5000-WN (Preliminary)

Features

- NVIDIA Quadro RTX 5000 embedded graphics based on NVIDIA Turing architecture
- 3072 CUDA cores, 48 RT cores and 384 Tensor cores, 16GB GDDR6 memory
- 9.4 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 RTX 5000
GPU Architecture	NVIDIA Turing TU104
GPU Clock (Base/Boost)	1035/1530 MHz
NVIDIA CUDA Cores	3072
Floating Point Performance	9.4 TFLOPS SP Peak

Memory Specs

Memory Size	16GB GDDR6
Memory Clock	14 Gbps
Memory Interface Width	256-bit
Memory Bandwidth (GB/sec)	448

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
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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 DP_E: DisplayPort1.4

Power Specs

Max. Board Power Consumption (W)	110 W
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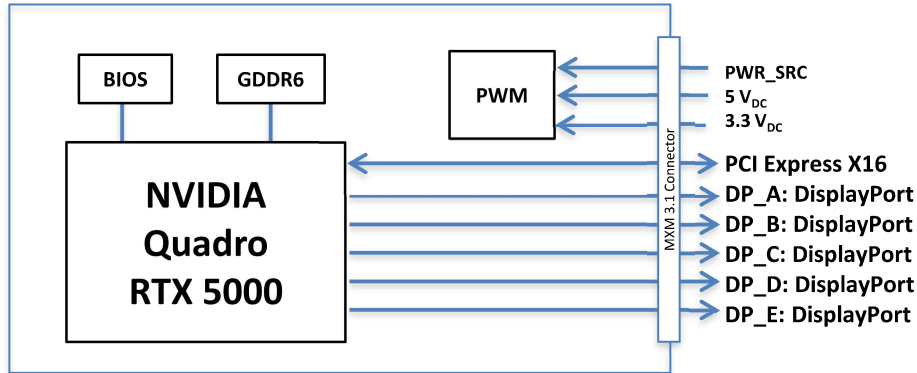
Dimensions

Form Factor	MXM graphics module version 3.1, Type B+
Dimensions	82 x 110 mm

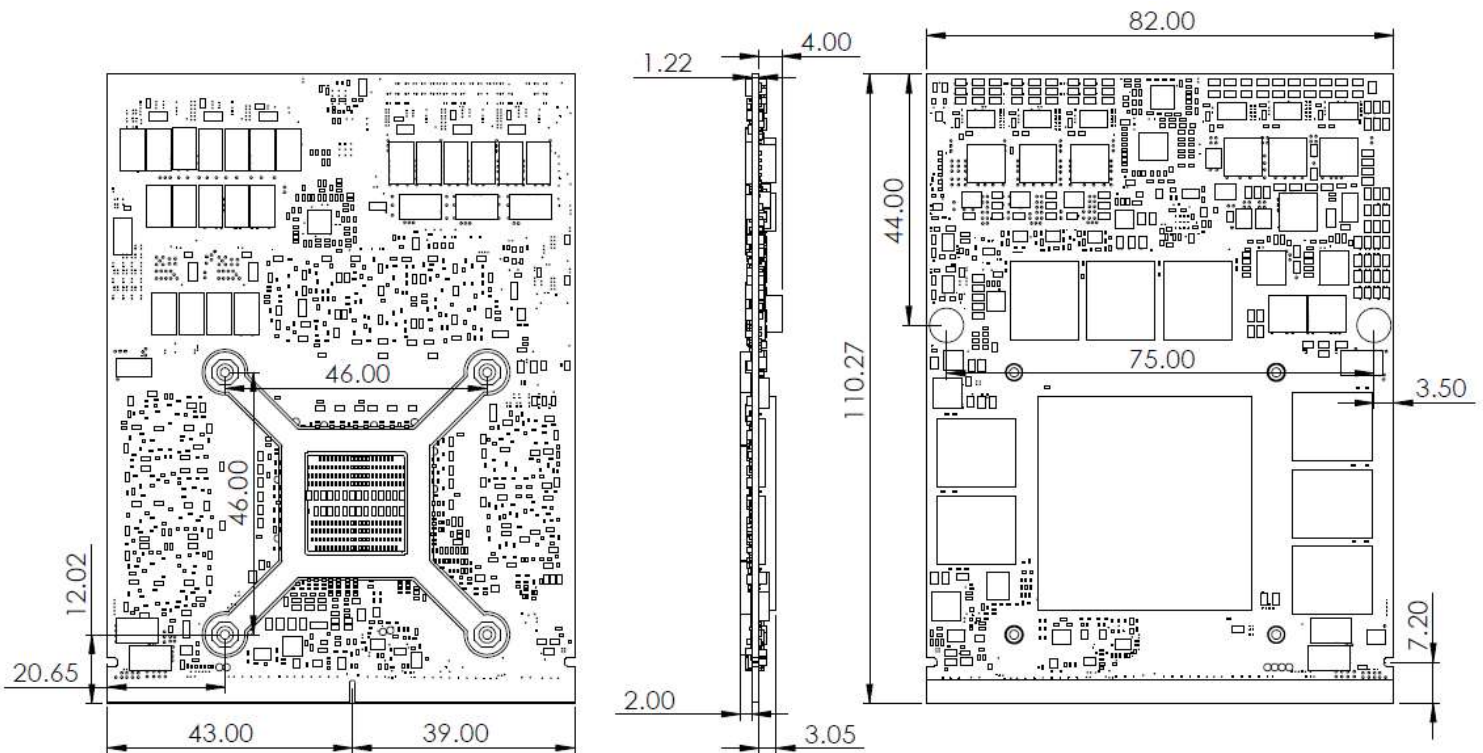
Environmental

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

Block Diagram



Mechanical



Ordering Information

Module Number	Description
M3T5000-WN	MXM3.1 Type B+, NVIDIA Quadro RTX 5000, 16GB GDDR6, 0°C to +55°C