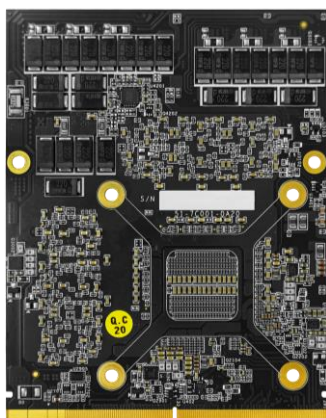
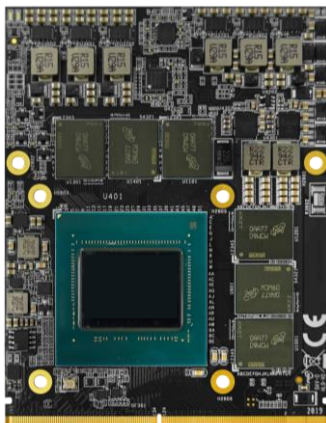


M3T3000-QN

Features

- NVIDIA Quadro RTX3000 embedded graphics based on NVIDIA Turing architecture
- 1920 CUDA cores, 30 RT cores and 240 Tensor cores, 6GB GDDR6 memory
- 5.4 TFLOPS peak FP32 performance
- Support up to 4 DisplayPort 1.4b 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 RTX3000
GPU Architecture	NVIDIA Turing TU106
GPU Clock (Base/Boost)	945/1380 MHz
NVIDIA CUDA Cores	1920
Floating Point Performance	5.4 TFLOPS SP Peak

Memory Specs

Memory Size	6GB GDDR6
Memory Clock	14 Gbps
Memory Interface Width	192-bit
Memory Bandwidth (GB/sec)	336

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: DisplayPort1.4b DP_B: DisplayPort1.4b DP_C: DisplayPort1.4b DP_D: DisplayPort1.4b DP_E: DisplayPort1.4b

Power Specs

Max. Board Power Consumption (W)	80 W
----------------------------------	------

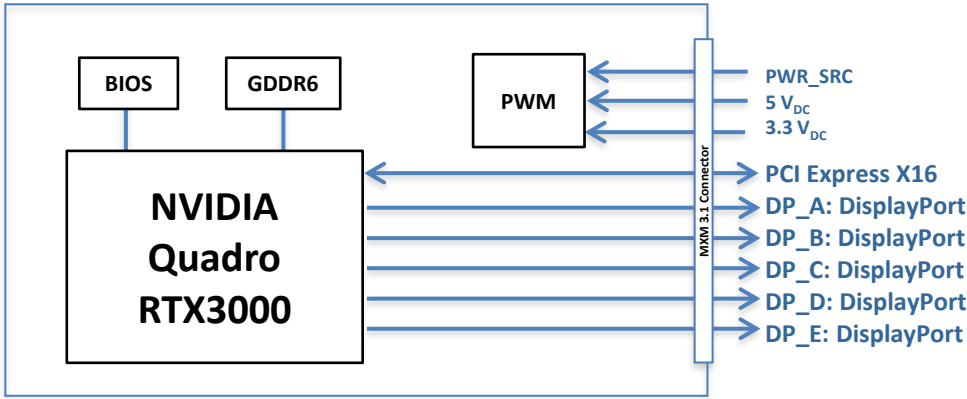
Dimensions

Form Factor	MXM graphics module version 3.1, Type B
Dimensions	82 x 105 mm

Environmental

Operating Temp.	Standard: 0 to +55°C, Relative Humidity 5 to 90% Wide: -40 to +85°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
M3T3000-QN	MXM3.1 Type B, NVIDIA Quadro RTX3000, 6GB GDDR6, 0°C to +55°C
M3T3000-QN-A	MXM3.1 Type B, NVIDIA Quadro RTX3000, 6GB GDDR6, -40°C to +85°C