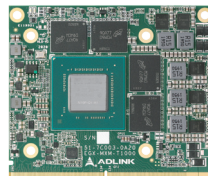
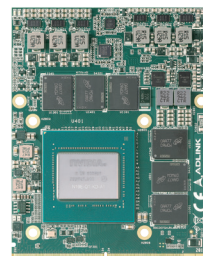


# Embedded MXM Modules based on NVIDIA Turing™ Architecture

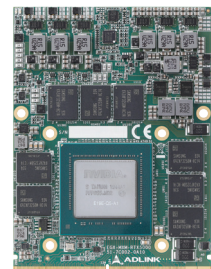
Mobile PCI Express Modules with NVIDIA Embedded GPUs



• EGX-MXM-T1000



• EGX-MXM-RTX3000



• EGX-MXM-RTX5000



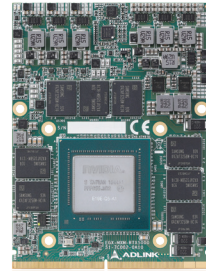
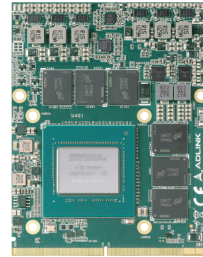
## Features

- NVIDIA embedded graphics based on Turing™ architecture
- Standard MXM 3.1 Type A/B/B+ form factor
- Up to 3072 CUDA cores
- Up to 9.4 TFLOPS peak FP32 performance
- Up to 16GB GDDR6 memory, 256-bit
- Up to 448GB/s maximal memory bandwidth
- Support up to 4 DP 1.4a displays, 110W TGP
- 5-year availability

## Ordering Information

EGX-MXM-T1000	NVIDIA® Quadro® T1000 Embedded Graphics, MXM 3.1 type A, 82 x 70mm, PCIe x16 Gen3
EGX-MXM-RTX3000	NVIDIA® Quadro® RTX3000 Embedded Graphics, MXM 3.1 type B, 82 x 105mm, PCIe x16 Gen3
EGX-MXM-RTX5000	NVIDIA® Quadro® RTX5000 Embedded Graphics, MXM 3.1 type B+, 82 x 110mm, PCIe x16 Gen3

## Specifications



Model Name	EGX-MXM-T1000	EGX-MXM-RTX3000	EGX-MXM-RTX5000
<b>Graphic Core</b>			
GPU	Quadro® T1000	Quadro® RTX3000	Quadro® RTX5000
Memory	4GB GDDR6 memory, 128-bit, Bandwidth: 192 GB/s	6GB GDDR6 memory, 192-bit, Bandwidth: 336 GB/s	16GB GDDR6 memory, 256-bit, Bandwidth: 448 GB/s
<b>GPGPU Computing</b>			
CUDA Cores	896 CUDA cores, 2.6 TFLOPS peak FP32 performance	1920 CUDA cores, 5.3 TFLOPS peak FP32 performance	3072 CUDA cores, 9.4 TFLOPS peak FP32 performance
Tensor Cores	-	240 Tensor Cores	384 Tensor Cores
RT Cores	-	30 RT Cores	48 RT Cores
Compute API	CUDA Toolkit 8.0 and above, CUDA Compute version 6.1 and above, OpenCL™ 1.2		
Graphics API	DirectX® 12, OpenGL 4.6, Vulkan 1.0 API		
<b>Display</b>			
Display Outputs	4x DisplayPort 1.4a digital video outputs 4K at 120Hz or 8K at 60Hz		
Interface	MXM 3.1, PCI Express Gen3 x16 support		
<b>Mechanicals</b>			
Dimensions	82 (W) x 70 (D) x 4.8 (H) mm	82 (W) x 105 (D) x 4.8 (H) mm	82 (W) x 110 (D) x 4.8 (H) mm
Form Factor	Standard MXM 3.1 Type A	Standard MXM 3.1 Type B	Standard MXM 3.1 Type B+
<b>Environmental</b>			
Operating Temperature	Standard: 0°C to 55°C Extended Temperature: -20°C to 70°C		Standard: 0°C to 50°C
Storage Temperature	-40°C to 85°C		
Module Power Consumption	50W TGP	80W TGP	110W TGP
<b>SW Support</b>			
OS Support	Windows 11, 10 & Linux Drivers, 64-bit		