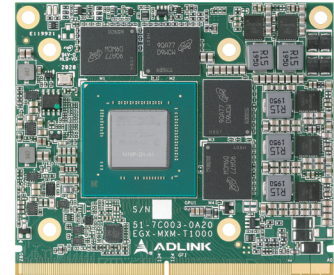


# EGX-MXM-T1000 (Preliminary)

## Mobile PCI Express Module with NVIDIA® Quadro® Embedded T1000

### Features

- NVIDIA® Quadro® T1000 embedded graphics
- Standard MXM 3.1 Type A (82 x 70 mm)
- 896 CUDA cores,
- 2.6 TFLOPS peak FP32 performance
- 4GB GDDR6 memory, 128-bit
- 192GB/s maximal memory bandwidth
- Support up to 4 DP 1.4a displays, 50W TGP
- 5-year availability



### Introduction

The EGX-MXM-T1000 module features advanced NVIDIA® Turing™ GPU technology in MXM 3.1 Type A form factor. It's compact, slim and reliable design makes it suitable for mission critical environment. EGX-MXM-T1000 provides improved performance per watt. This MXM GPU module offers a flexible and easy solution for deep learning solutions for applications including medical, image processing, and gaming applications.

### Specifications

Model Name	EGX-MXM-T1000
<b>Graphic Core</b>	
GPU	Quadro® T1000
Memory	4GB GDDR6 memory, 128-bit, Bandwidth: 192 GB/s
<b>GPGPU Computing</b>	
CUDA Cores	896 CUDA cores, 2.6 TFLOPS Peak FP32 performance
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
Form Factor	Standard MXM 3.1 Type A
<b>Environmental</b>	
Operating Temp.	Standard: 0°C to 55°C, ETT: -40°C to 85°C
Storage Temp.	-40°C to 85°C
Module Power Consumption	50W TGP
<b>SW Support</b>	
OS Support	Windows 10 & Linux Drivers, 64-bit

### Ordering Information

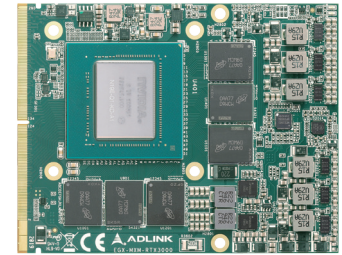
- **EGX-MXM-T1000**  
NVIDIA® Quadro® T1000 Embedded Graphics, MXM 3.1 type A,  
82 x 70mm, PCIe x16 Gen3

# EGX-MXM-RTX3000 (Preliminary)

## Mobile PCI Express Module with NVIDIA® Quadro® Embedded RTX3000

### Features

- NVIDIA® Quadro® RTX3000 embedded graphics
- Standard MXM 3.1 Type B form factor (82 x 105 mm)
- 1920 CUDA cores, 30 RT cores, and 240 Tensor cores
- 5.3 TFLOPS peak FP32 performance
- 6GB GDDR6 memory, 192-bit
- 336GB/s maximal memory bandwidth
- Support up to 4 DP 1.4b displays, 80W TGP
- 5-year availability



### Introduction

The EGX-MXM-RTX3000 module features advanced NVIDIA® Turing™ GPU technology in MXM 3.1 Type B form factor. It's compact, slim and reliable design makes it suitable for mission critical environment. EGX-MXM-RTX3000 supports 4 DP1.4b displays offering a flexible and easy solution for medical and gaming applications.

### Ordering Information

- **EGX-MXM-RTX3000**  
 NVIDIA® Quadro® RTX3000 Embedded Graphics, MXM 3.1 type B, 82 x 105mm, PCIe x16 Gen3

### Specifications

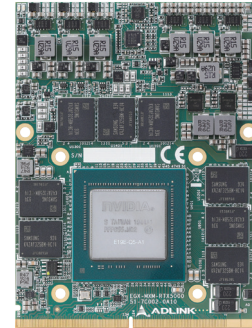
Model Name	EGX-MXM-RTX3000
<b>Graphic Core</b>	
GPU	Quadro® RTX3000
Memory	6GB GDDR6 memory, 192-bit, Bandwidth: 336 GB/s
<b>GPGPU Computing</b>	
CUDA Cores	1920 CUDA® cores, 5.3 TFLOPS Peak FP32 performance
Tensor Cores	240 Tensor Cores
Compute API	CUDA Toolkit 8.0 and above, CUDA Compute version 6.1 and above, OpenCL™ 1.2
Graphics API	DirectX® 12, OpenGL 4.6, Vulkan 1.0 API
<b>Display</b>	
Display Outputs	4x DisplayPort 1.4b 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 105 (D) x 4.8 (H) mm
Form Factor	Standard MXM 3.1 Type B
<b>Environmental</b>	
Operating Temp.	Standard: 0°C to 55°C, ETT: TBC
Storage Temp.	-40°C to 85°C
Module Power Consumption	80W TGP
<b>SW Support</b>	
OS Support	Windows 10 & Linux Drivers, 64-bit

# EGX-MXM-RTX5000 (Preliminary)

## Mobile PCI Express Module with NVIDIA® Quadro® Embedded RTX5000

### Features

- NVIDIA® Quadro® RTX5000 embedded graphics
- Standard MXM 3.1 Type B+ form factor (82 x 110mm)
- 3072 CUDA cores, 48 RT cores, and 384 Tensor cores
- 9.4 TFLOPS peak FP32 performance
- 16GB GDDR6 memory, 256-bit
- 448GB/s maximal memory bandwidth
- Support up to 4 DP 1.4b displays, 110W TGP
- 5-year availability



### Introduction

The EGX-MXM-RTX5000 module features advanced NVIDIA® Turing™ GPU technology in MXM 3.1 Type B+ form factor. It's compact, slim and reliable design makes it suitable for mission critical environment. EGX-MXM-RTX5000 supports 4 DP 1.4b displays offering a flexible and easy solution for medical and gaming applications.

### Ordering Information

- **EGX-MXM-RTX5000**  
 NVIDIA® Quadro® RTX5000 Embedded Graphics, MXM 3.1 type B+, 82 x 110mm, PCIe x16 Gen3

### Specifications

Model Name	EGX-MXM-RTX5000
<b>Graphic Core</b>	
GPU	Quadro® RTX5000
Memory	16GB GDDR6 memory, 256-bit, Bandwidth: 448 GB/s
<b>GPGPU Computing</b>	
CUDA Cores	3072 CUDA® cores, 9.4 TFLOPS Peak FP32 performance
Tensor Cores	384 Tensor 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 1.4b 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 110 (D) x 4.8 (H) mm
Form Factor	Standard MXM 3.1 Type B+
<b>Environmental</b>	
Operating Temp.	Standard: 0°C to 55°C, ETT: TBC
Storage Temp.	-40°C to 85°C
Module Power Consumption	110W TGP
<b>SW Support</b>	
OS Support	Windows 10 & Linux Drivers, 64-bit