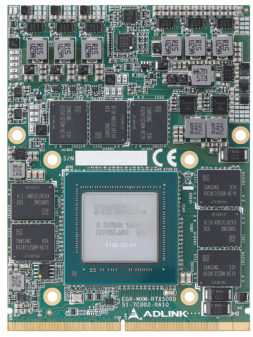
EGX-MXM-RTX5000 (Preliminary)

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
Graphic Core	
GPU	Quadro® RTX5000
Memory	16GB GDDR6 memory, 256-bit, Bandwidth: 448 GB/s
GPGPU Computing	
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
Display	
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
Mechanicals	
Dimensions	82 (W) x 110 (D) x 4.8 (H) mm
Form Factor	Standard MXM 3.1 Type B+
Environmental	
Operating Temp.	Standard: 0°C to 55°C, ETT: TBC
Storage Temp.	-40°C to 85°C
Module Power Consumption	110W TGP
SW Support	
OS Support	Windows 10 & Linux Drivers, 64-bit