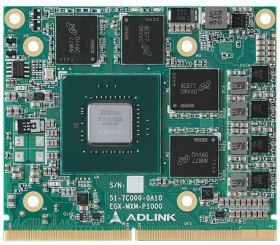
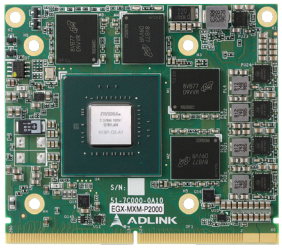
Embedded MXM Modules (NVIDIA Pascal™ Architecture)

Mobile PCI Express Modules with NVIDIA Embedded GPUs



• EGX-MXM-P1000



• EGX-MXM-P2000

NVIDIA QUADRO CERTIFIED
• EMBEDDED

Features

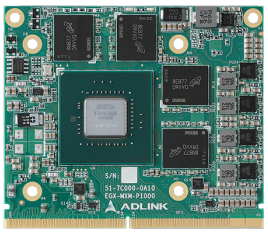
- NVIDIA embedded graphics based on Pascal™ architecture
- Standard MXM 3.1 Type A form factor (82 x 70 mm)
- Up to 768 CUDA cores
- Up to 2.3 TFLOPS peak FP32 performance
- Up to 4GB GDDR6 memory, 256-bit
- Up to 96GB/s maximal memory bandwidth
- Support up to 4 UHD displays, 58W TDP
- 5-year availability

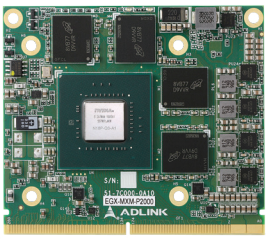
Ordering Information

EGX-MXM-P1000	NVIDIA® Quadro® Embedded P1000, MXM 3.1 type A, 82 x 70mm, PCIe x16 Gen3
EGX-MXM-P2000	NVIDIA® Quadro® Embedded P2000, MXM 3.1 type A, 82 x 70mm, PCIe x16 Gen3

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

Specifications





Model Name	EGX-MXM-P1000	EGX-MXM-P2000
Graphic Core		
GPU	Quadro® P1000	Quadro® P2000
Memory	4GB GDDR5 memory, 128-bit, Bandwidth: 96 GB/s	4GB GDDR5 memory, 128-bit, Bandwidth: 96 GB/s
GPGPU Computing		
CUDA Cores	512 CUDA cores, 1.8 TFLOPS SP peak performance	768 CUDA cores, 2.3 TFLOPS SP peak performance
Compute API	CUDA Toolkit 8.0, CUDA Compute version 6.1, OpenCL™ 1.2	
Graphics API	DirectX® 12, OpenGL 4.5, Vulcan 1.0	
Display		
Display Outputs	4x DisplayPort 1.4 digital video outputs (DP++) 4K at 120Hz or 5K at 60Hz	
Interface	MXM 3.1, PCI Express Gen3 x16 support	
Mechanicals		
Dimensions	82 (W) x 70 (D) x 4.8 (H) mm	
Form Factor	Standard MXM 3.1 Type A	
Environmental		
Operating Temperature	Standard: 0°C to 55°C Extended Temperature: -40˚C to 85˚C	
Storage Temperature	-40°C to 85°C	
Module Power Consumption	48W TGP	58W TGP
SW Support		
OS Support	Windows 10 & Linux Drivers, 64-bit	

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