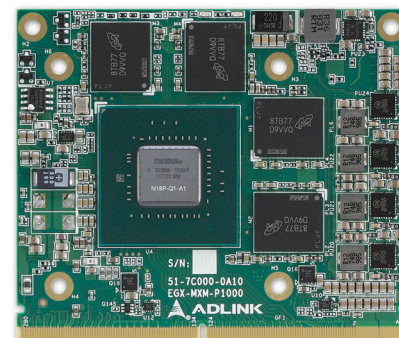# EGX-MXM-P3000

Mobile PCI Express Module with NVIDIA® Quadro® Embedded P3000

特点

- MXM 3.1 Type B form factor (82mm x 105 mm)
- 1280 CUDA cores
- 3.9 TFLOPS peak FP32 performance
- 6GB GDDR5 memory
- 168GB/s peak memory bandwidth
- Maximum power 75W
- 5-year availability

NVIDIA® QUADRO® CERTIFIED

▪ EMBEDDED

简介

Meeting the needs of embedded, ruggedized, and mobile system builders, the EGX-MXM-P3000 is specifically purposed to accommodate form factors incompatible with conventional PCI Express cards, and is built to maintain operations under a wide range of thermal and other environmental conditions. It's the ideal choice for blade-based and other deployments where high GPU density is critical, with a choice of GPU memory capacity, extremely reasonable power requirements, and flexible display options.

订购指南

EGX-MXM-P3000

NVIDIA® Quadro® Embedded P3000 , MXM 3.1 type B,82 x 105mm, PCIe x16 Gen3

Specifications

	EGX-MXM-P3000
Graphic Core	
Graphic Architecture	NVIDIA® Pascal™ GP104
GPU	Quadro P3000
Display Outputs	Up to 4 display outputs 4x DisplayPort 1.4 digital video outputs (DP++), 1x HDMI, 2x DVI, 1x eDP
Signal Interface	MXM 3.1, PCI Express Gen3 x16 supports
GPGPU Computing	
CUDA Supports	1280 CUDA cores, 3.9 TFLOPS peak FP32 Performance
Memory	GDDR5 6GB memory, memory width: 192-bit, bandwidth: 168.2 GB/s
Mechanicals	
Dimensions	87 (W) x 105 (D) x 4.8 (H) mm
Locking Mechanism	Standard MXM 3.1 Type B
Environmental	
Operating Temp.	0 to 55˚C
Storage Temp.	-40˚C to 125˚C
Operating RH	5% to 90%
Storage RH	5% to 95%
Module Power Consumption	75W
SW	
OS Support	Windows 7/10 & Linux drivers, 64-bit
Graphic API	DirectX® 12, OpenGL 4.5, Vulkan 1.0 Shader Model 5.1
Compute API	CUDA Toolkit 8.0, CUDA Compute version 6.1 OpenCL™ 1.2, Direct Compute
NVIDIA technology	NVIDIA® Mosaic Technology/ NVIDIA® nView® Display Management Technology