



EMBEDDED SOLUTIONS NVIDIA® QUADRO® MXM MODULES

QUADRO PERFORMANCE AND FEATURES IN AN MXM FORM FACTOR

NVIDIA® Quadro® (Pascal™) MXM modules offer professional performance, features, SDK and API support, exacting build standards, rigorous quality assurance, and broad ISV application compatibility.

Designed for the needs of embedded, ruggedized, or mobile system builders, these Pascal architecture-based products make the bring powerful NVIDIA Quadro graphics and compute capabilities to form factors unsuited for PCI Express expansion cards. NVIDIA Quadro MXM products offer proven graphics and FP32 compute capabilities. They tolerate wide ranging thermal or other environmental conditions, are ideal for blade or other deployments where high GPU density matters, offer reasonable power requirements, and feature flexible display output options.

From advanced medical imaging, sophisticated signal processing, even mission-critical defense systems, NVIDIA Quadro MXM solutions let you expand the boundaries of the possible.

THE PNY ADVANTAGE

PNY provides unsurpassed service and commitment to its embedded graphics customers, including extensive presales consulting by dedicated NVIDIA Quadro Field Application Engineers, access to documentation required by systems integrators, bug reporting, product lifecycle management guidance, and much more.

For additional information or other product inquiries email MXM@PNY.COM.

SUPPORT

- > Pre- and post-sales technical support
- > Dedicated NVIDIA Quadro RTX Field Application Engineers
- > U.S. based direct NVIDIA Quadro RTX technical support hot line

PRODUCT FEATURES	NVIDIA QUADRO P2000	NVIDIA QUADRO P1000
PNY Part Number	QP2000-KIT	QP1000-KIT QP1000ET-KIT
GPU Architecture	NVIDIA Pascal	NVIDIA Pascal
Interface	MXM 3.1	
Form Factor	Standard MXM 3.1 Type A	
Dimensions	82 x 70 x 4.8 mm	
Peak FP32	2.3 TFLOPS	1.50 TFLOPS
CUDA Cores	768	512
GPU Memory	4 GB	
Memory Type	GDDR5	
Memory Interface	128-bit	
Memory Bandwidth	96 GB/s	
Maximum Power	58W	40W
Operating Temperature	0° C to 55° C Relative Humidity 5 to 90%	
Storage Temperature	-40° C to 85° C	
Lifecycle Availability	Five Years	
Graphics APIs	DirectX 12 Model 5.1 OpenGL 4.5 Vulkan 1.0	
Compute APIs	CUDA, CUDA-XAI, DirectCompute, OpenCL	
Operating Systems	Windows 11, 10 and Linux Drivers 64-bit	
Download Brochure	QP2000-KIT QP1000-KIT QP1000ET-KIT	