

EMBEDDED SOLUTIONS NVIDIA® QUADRO® RTX3000 MXM

NVIDIA QUADRO PERFORMANCE AND FEATURES IN AN MXM TYPE-B FORM FACTOR.

The QRTX3000-KIT 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. QRTX3000-KIT supports 4 DP1.4b displays offering a flexible and easy solution for medical and gaming applications.

THE PNY ADVANTAGE

PNY provides unsurpassed service and commitment to its embedded and OEM graphics customers, including extensive pre-sales development and technical consulting by dedicated NVIDIA Quadro Field Application Engineers, access to specialized documentation required for systems integration (e.g. Thermal Design Guides), bug reporting, product lifecycle management information, and much more.

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

RTX3000 MODULE FEATURES

- > NVIDIA® Quadro® RTX3000 embedded graphics
- > Standard MXM 3.1 Type B form factor (82 x 105 mm)
- > 2304 CUDA cores, 36 RT cores, and 288 Tensor cores
- > 6.4 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

ENVIRONMENTAL

- > Operating temperature range of 0°C to 55°C
- > Storage temperature -40°C to 85 °C

WARRANTY AND SUPPORT

- > 2-year warranty
- > Pre- and post-sales technical support
- > Field Application Engineers available
- > U.S. based technical support hot line

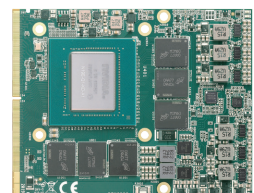
PNY PART NUMBER	QRTX3000-KIT
Graphic Architecture	NVIDIA® Turing™
GPU	NVIDIA Quadro® RTX3000
Memory	6GB GDDR6 memory, Memory width: 192-bit, Bandwidth: 336 GB/s
CUDA Cores	2304 CUDA® cores, 6.4 TFLOPS Peak FP32 performance
Tensor Cores	288 Tensor Cores
Compute API	CUDA Toolkit 8.0 and above, CUDA Compute version 6.1 and above, OpenCL™ 1.2
Graphics API	DirectX® 12, OpenGL 4.6, Vulkan 1.0 API
Display Outputs	4x DisplayPort 1.4b digital video outputs 4K at 120Hz or 8K at 60Hz
Interface	MXM 3.1, PCI Express Gen3 x16 support
Dimensions	82 (W) x 105 (D) x 4.8 (H) mm
Form Factor	Standard MXM 3.1 Type B
Operating Temp.	Standard: 0 to 55°C, EIT: -40°C to 85°C
Storage Temp.	-40°C to 85°C
Module Power Consumption	80W TGP
OS Support	Windows 10 & Linux Drivers, 64-bit

NVIDIA QUADRO
AUTHORIZED PARTNER

PNY®

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RTX3000