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)
- 1920 CUDA cores, 36 RT cores, and 240 Tensor cores
- 5.3 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
1920 CUDA cores, 6.4 TFLOPS Peak FP32 performance

Tensor Cores
240 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, ETT: -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

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EMBEDDED SOLUTIONS

NVIDIA® QUADRO® RTX3000 MXM

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