REAL INTERACTIVE EXPRESSION
NVIDIA® QUADRO® M6000 24GB

The World's Most Powerful Workstation Graphics Card.

The NVIDIA M6000 24GB is the world's most powerful workstation graphics card, giving you the extreme performance and on-board memory to take on your biggest visualization challenges.

Artists, animators, and editors can now work in real-time on their most complex projects with multiple layers and advanced effects. Plus, product designers and engineers don't have to compromise on model complexity or image quality when working on large assemblies; they can now integrate interactive, physically based rendering and simulation to evaluate product design and functionality in entirely new ways. Geophysicists can also accelerate their time-to-insight in seismic exploration by holding substantially larger data sets in memory for faster processing and analysis.

Quadro cards are certified with a broad range of sophisticated professional applications, tested by leading workstation manufacturers, and backed by a global team of support specialists. This gives you the peace of mind to focus on doing your best work. Whether you're developing revolutionary products or telling spectacularly vivid visual stories, Quadro gives you the performance to do it brilliantly.

FEATURES

- Support for any combination of four connected displays
- Four DisplayPort 1.2 Connectors
- DisplayPort with Audio
- One DVI-I Dual-Link Connector
- VGA Support[1]
- 3D Stereo Support[1]
- NVIDIA GPUDirect™ Support
- Quadro Sync Compatibility
- Stereo Connector
- NVIDIA nView® multidisplay technology
- NVIDIA Mosaic[2]

SPECIFICATIONS

GPU Memory	**24 GB GDDR5**
Memory Interface	**384-bit**
Memory Bandwidth	**Up to 317 GB/s**
NVIDIA CUDA® Cores	**3072**
Peak Single Precision Performance	**Up to 7 TFLOPs**
System Interface	**PCI Express 3.0 x16**
Max Power Consumption	**250 W**
Thermal Solution	**Ultra-Quiet Active Fansink**
Form Factor	**4.4" H × 10.5" L, Dual Slot, Full Height**
Display Connectors	**4x DP 1.2, DVI-I DL, Optional Stereo**
Max Simultaneous Displays	**4 direct, 4 DP 1.2 Multi-Stream**
Max DP 1.2 Resolution	**4096 × 2160 at 60 Hz**
Max DVI-I DL Resolution	**2560 × 1600 at 60 Hz Max**
DVI-I SL Resolution	**1920 × 1200 at 60 Hz**
Max VGA Resolution	**2048 × 1536 at 85 Hz**
Graphics APIs	**Shader Model 5.0, OpenGL 4.5[3] , DirectX 12.0[4], Vulkan 1.0[3]**
Compute APIs	**CUDA, DirectCompute, OpenCL™**

[1] Via adapter/connector/bracket | [2] Windows 7, 8, 8.1, 10 and Linux | [3] Product is based on a published Khronos Specification, and is expected to pass the Khronos Conformance Testing Process when available. Current conformance status can be found at www.khronos.org/conformance | [4] GPU supports DX 12.0 API, Hardware Feature Level 12_1