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.

THE PNY ADVANTAGE

PNY provides unsurpassed service and commitment to its professional graphics customers. In addition, PNY delivers a complete solution that includes the appropriate adapters, cables, brackets, driver software installation disc, and documentation to ensure a quick and successful install.

[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

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]

PACKAGE CONTENTS

> NVIDIA Quadro M6000 24GB Professional Graphics Board
> Software Installation Disc
> Printed Quick Start Guide
> 8-Pin Auxiliary Power Cable
> Stereo Connector Bracket
> Three DisplayPort to DVI-D SL Adapters
> DVI to VGA Adapter

WARRANTY AND SUPPORT

> 3-Year Warranty
> Pre- and Post-Sales Technical Support
> Dedicated Field Application Engineers
> Direct Tech Support Hot Lines

PNY PART NUMBER	VCQM6000-24GB-PB

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™

NVIDIA QUADRO AUTHORIZED PARTNER

PNY®

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For more information visit: **www.pny.com/quadro**