Get unmatched power, unmatched creative freedom with NVIDIA Quadro—the world’s most powerful workstation graphics.

The NVIDIA Quadro P5000 workstation graphics card, powered by NVIDIA Pascal™ GPU technology, features 16 GB memory capacity and enables an expansive visual workspace with quad display outputs. Work with larger models, complex visual effects and simulations, larger rendering tasks, and more life-like VR experiences in your workflow today and be well prepared for the challenges of tomorrow.

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.

FEATURES

- Four DisplayPort 1.4 Connectors
- DisplayPort with Audio
- VGA/DVI/HDMI Support
- 3D Stereo Support with Stereo Connector
- NVIDIA GPUDirect™ Support
- Quadro Sync II™ Compatibility
- NVIDIA nView® Desktop Management Software Compatibility
- HDCP 2.2 Support
- NVIDIA Mosaic

PACKAGE CONTENTS

- NVIDIA Quadro P5000 Professional Graphics Board
- Software Installation Disc
- Printed Quick Start Guide
- 8-Pin Auxiliary Power Cable
- Two DisplayPort to DVI-D SL Adapters
- DVI-D to DisplayPort Cable

WARRANTY AND SUPPORT

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

PNY PART NUMBER

VCQP5000-PB

SPECIFICATIONS

- GPU Memory
  16 GB GDDR5X
- Memory Interface
  256-bit
- Memory Bandwidth
  Up to 288 GB/s
- NVIDIA CUDA® Cores
  2560
- System Interface
  PCI Express 3.0 x16
- Max Power Consumption
  180 W
- Thermal Solution
  Active
- Form Factor
  4.4” H × 10.5” L, Dual Slot, Full Height
- Display Connectors
  4x DP 1.4 + DVI-D DL
- Max Simultaneous Displays
  4 direct, 4 DP 1.4 Multi-Stream
- Max DP 1.4 Resolution
  7680x4320 @ 30 Hz
- Max DVI-D DL Resolution
  2560x1600 @ 60 Hz
- Graphics APIs
  Shader Model 5.1, OpenGL 4.5, DirectX 12.0, Vulkan 1.0
- Compute APIs
  CUDA, DirectCompute, OpenCL

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