Experience Real Time Ray Tracing in a Single Slot Form Factor.

Meet the challenge of today’s demanding professional workflows with NVIDIA® Quadro RTX™ 4000, powered by NVIDIA Turing™ architecture and the NVIDIA RTX™ platform. The NVIDIA Quadro RTX 4000 delivers GPU accelerated ray tracing, deep learning, and advanced shading in an accessible single slot form factor. It gives designers the power to accelerate their creative efforts with faster time to insight and faster time to solution. Equipped with 2304 CUDA® cores, 288 Tensor Cores, 36 RT cores and 8 GB GDDR6 memory, the Quadro RTX 4000 is designed to manage the most intensive AEC, DCC, AI, VR and graphics workloads. And with the industry’s first implementation of the all-new VirtualLink™, Quadro RTX 4000 provides simplified connectivity to next-generation, high-resolution VR head-mounted displays, letting designers work in the most compelling virtual environments.

Quadro is certified with a broad range of sophisticated professional applications, tested by leading workstation manufacturers, and backed by a global team of NVIDIA support specialists so you can focus on doing your best work. Whether you’re developing revolutionary products or telling spectacularly vivid visual stories, do it brilliantly with Quadro performance.

FEATURES
- Three DisplayPort 1.4 Connectors
- VirtualLink Connector1
- DisplayPort with Audio
- VGA Support1
- 3D Stereo Support with Stereo Connector2
- NVIDIA GPUDirect™ Support
- Quadro Sync II™ Compatibility
- NVIDIA nView® Desktop Management Software
- HDCP 2.2 Support
- NVIDIA Mosaic4

PACKAGE CONTENTS
- NVIDIA Quadro RTX 4000
- Quadro RTX Quick Start Guide
- Quadro Support Guide
- 1 DisplayPort to DVI Adapter
- 1 DisplayPort to HDMI Adapter
- 1 USB-C to DisplayPort 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 VCQRTX4000-PB

SPECIFICATIONS
- GPU Memory 8 GB GDDR6
- Memory Interface 256-bit
- Memory Bandwidth Up to 416 GB/s
- NVIDIA CUDA® Cores 2304
- NVIDIA Tensor Cores 288
- NVIDIA RT Cores 36
- Single-Precision Performance 7.1 TFLOPS
- System Interface PCI Express 3.0 x16
- Power Consumption Total board power: 160 W
- Thermal Solution Active
- Form Factor 4.4” H x 9.5” L, Single Slot
- Max Simultaneous Displays 4x 3840x2160 @ 120 Hz
- VR Ready Yes
- Graphics APIs Shader Model 5.1®, OpenGL 4.5®, DirectX 12.0®, Vulkan 1.0
- Compute APIs CUDA, DirectCompute, OpenCL™