PNY

PNY GEFORCE RTX® 4080 16GB
VERTO Triple Fan Edition

NVIDIA Ada Lovelace Streaming Multiprocessors	**4th Generation Tensor Cores**	**3rd Generation RT Cores**
Up to 2x performance and power efficiency	Up to 2X AI performance	Up to 2X ray tracing performance

COLOSSAL PERFORMANCE AND SPEED

NVIDIA® GeForce RTX® 40 Series GPUs are beyond fast for gamers and creators. They're powered by the ultra-efficient NVIDIA Ada Lovelace architecture which delivers a quantum leap in both performance and AI-powered graphics. Experience lifelike virtual worlds with ray tracing and ultra-high FPS gaming with the lowest latency. Discover revolutionary new ways to create and unprecedented workflow acceleration.

The NVIDIA® GeForce RTX® 4080 delivers the ultra performance and features that enthusiast gamers and creators demand. Bring your games and creative projects to life with ray tracing and AI-powered graphics. It's powered by the ultra-efficient NVIDIA Ada Lovelace architecture and up to 16GB of superfast G6X memory.

The new NVIDIA® Ada Lovelace architecture delivers a quantum leap in performance, efficiency, and AI-powered graphics. It has new Streaming Multiprocessors, 3rd generation Ray Tracing Cores, and 4th generation Tensor Cores. It's built on a new custom TSMC 4N process, runs with blazing fast clocks, and features a large L2 cache. It enables fast ray tracing, new ways to create, and much more.

KEY FEATURES
- Dedicated Ray Tracing Cores
- Dedicated Tensor Cores
- NVIDIA DLSS
- Game Ready and NVIDIA Studio Drivers
- NVIDIA® GeForce Experience™
- NVIDIA Broadcast
- NVIDIA G-SYNC®
- NVIDIA GPU Boost™
- GDDR6X Graphics Memory
- PCI Express® Gen 4
- Microsoft DirectX® 12 Ultimate
- Vulkan RT APIs, Vulkan 1.3, OpenGL 4.6
- HDCP 2.3
- DisplayPort 1.4a
- Supports 4K 120Hz HDR, 8K 60Hz HDR, and Variable Refresh Rate as specified in HDMI 2.1a
- Support Bracket Included
- One 16-pin to Three 8-pin Power Cable Included

SYSTEM REQUIREMENTS
- PCI Express-compliant motherboard with one triple width x16 graphics slot
- Three 8-pin supplementary power connectors
- 750 W or greater system power supply[2]
- Microsoft Windows® 11 64-bit, Windows 10 (November 2018 or later) 64-bit, Linux 64-bit
- Internet connection[1]

PRODUCT SPECIFICATIONS

NVIDIA® CUDA Cores	9728
Clock Speed	2205 MHz
Boost Speed	2505 MHz
Memory Speed (Gbps)	23
Memory Size	16GB GDDR6X
Memory Interface	256-bit
Memory Bandwidth (Gbps)	736
TDP	320 W
NVLink	Not Supported
Outputs	DisplayPort 1.4 (x3), HDMI 2.1
Multi-Screen	4
Resolution	7680 x 4320 @120Hz (Digital)
Power Input	One 16-Pin (One 16-pin to Three 8-pin)
Bus Type	PCI-Express 4.0 x16

PRODUCT INFORMATION

PNY Part Number	VCG408016TFXPB1
UPC Code	751492761251
Card Dimensions	13.4" x 5.63" x 2.34"; 3 Slot 340.42 x 142.9 x 59.41mm; 3 Slot
Box Dimensions	15.94" x 7.83" x 4.06" 405 x 199 x 103mm

1 Graphics Card driver is not included in the box; GeForce Experience will download the latest GeForce driver from the Internet after install.

2 Minimum is based on a PC configured with a Ryzen 9 5900X processor. Power requirements can be different depending on system configuration.

GEFORCE RTX

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