GRAPHICS REINVENTED

The GeForce RTX™ 3080 delivers the ultra performance that gamers crave, powered by Ampere—NVIDIA’s 2nd gen RTX architecture. It’s built with enhanced RT Cores and Tensor Cores, new streaming multiprocessors, and superfast G6X memory for an amazing gaming experience.

The all-new NVIDIA Ampere architecture features new 2nd generation Ray Tracing Cores and 3rd generation Tensor Cores with greater throughput. The NVIDIA Ampere streaming multiprocessors are the building blocks for the world’s fastest, most efficient GPU for gamers and creators.

GeForce RTX™ 30 Series GPUs are powered by NVIDIA’s 2nd gen RTX architecture, delivering the ultimate performance, ray-traced graphics, and AI acceleration for gamers and creators.

KEY FEATURES

- 2nd Gen Ray Tracing Cores
- 3rd Gen Tensor Cores
- PCI Express® Gen 4
- Microsoft DirectX® 12 Ultimate
- GDDR6X Graphics Memory
- NVIDIA DLSS
- NVIDIA® GeForce Experience™
- NVIDIA G-SYNC®
- NVIDIA GPU Boost™
- Game Ready Drivers
- Vulkan RT API, OpenGL 4.6
- HDCP 2.3
- VR Ready
- Supports 4K 120Hz HDR, 8K 60Hz HDR and Variable Refresh Rate as specified in HDMI 2.1

SYSTEM REQUIREMENTS

- PCI Express-compliant motherboard with one triple-width x16 graphics slot
- Two 8-pin supplementary power connectors
- 750 W or greater system power supply
- Microsoft Windows 10 (November 2018 or later), Windows 7 64-bit, Linux 64-bit
- Internet connection

PRODUCT SPECIFICATIONS

NVIDIA® CUDA Cores 8704
Clock Speed 1440 MHz
Boost Speed 1710 MHz
Memory Speed (Gbps) 19
Memory Size 10GB GDDR6X
Memory Interface 320-bit
Memory Bandwidth (Gbps) 760
TDP 320 W
NVLink Not Supported
Outputs DisplayPort 1.4 (x3), HDMI 2.1
Multi-Screen 4
Resolution 7680 x 4320 @60Hz (Digital)
Power Input Two 8-Pin
Bus Type PCI-Express 4.0 x16

PRODUCT INFORMATION

PNY Part Number VCG308010TFXMPB
UPC Code 751492639550
Card Dimensions 12.48” x 4.53” x 2.36”, 3-Slot
Box Dimensions 7.48” x 14.96” x 3.54”

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

Features and specifications subject to change without notice. The PNY logo is a registered trademark of PNY Technologies, Inc. All other trademarks are the property of their respective owners. © 2021 PNY Technologies, Inc. All rights reserved.