# PNY GEFORCE RTX™ 3080 10GB
## XLR8 Gaming UPRISING Edition

**NVIDIA Ampere Streaming Multiprocessors**

The building blocks for the world's fastest, most efficient GPU, the all-new Ampere SM brings 2X the FP32 throughput and improved power efficiency.

**2nd Generation RT Cores**

Experience 2X the throughput of 1st gen RT Cores, plus concurrent RT and shading for a whole new level of ray tracing performance.

**3rd Generation Tensor Cores**

Get up to 2X the throughput with structural sparsity and advanced AI algorithms such as DLSS. Now with support for up to 8K resolution, these cores deliver a massive boost in game performance and all-new AI capabilities.

## 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

## 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[1]

## 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.

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