



# PNY GEFORCE RTX™ 3080 10GB XLR8 Gaming 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.

## GeForce RTX™ 3080

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.

## NVIDIA AMPERE ARCHITECTURE

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.

## AWESOME PERFORMANCE

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

## 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	Yes
Resolution	7680 x 4320 @60Hz (Digital) <sup>1</sup>
Power Input	Two 8-Pin
Bus Type	PCI-Express 4.0 x16

## PRODUCT INFORMATION

PNY Part Number	VCG308010TFXMPB
UPC Code	751492639550
Card Dimensions	31,7 x 11,5 x 6cm; 3-Slot
Box Dimensions	19 x 38 x 9cm

<sup>1</sup> 7680 x 4320 @60Hz RGB8-bit with dual DisplayPort connectors or 7680 x 4320 @60Hz YUV420 8-bit with DisplayPort 1.4 connector.



PNY Technologies, Inc. 100 Jefferson Road, Parsippany, NJ 07054 | Tel 973-515-9700 | Fax 973-560-5590 | www.PNY.com  
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. © 2020 PNY Technologies, Inc. All rights reserved.

