



PNY GEFORCE® RTX 3070 8GB

Dual Fan

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™ 3070

The GeForce RTX™ 3070 is powered by Ampere—NVIDIA's 2nd gen RTX architecture. Built with enhanced RT Cores and Tensor Cores, new streaming multiprocessors, and high-speed G6 memory, it gives you the power you need to rip through the most demanding games.

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
- GDDR6 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	5888
Clock Speed	1500 MHz
Boost Speed	1725 MHz
Memory Speed (Gbps)	14
Memory Size	8GB GDDR6
Memory Interface	256-bit
Memory Bandwidth (Gbps)	448
TDP	220 W
NVLink	Not Supported
Outputs	DisplayPort 1.4 (x3), HDMI 2.1
Multi-Screen	4
Resolution	7680 x 4320 @60Hz (Digital) ^{*1}
Power Input	One 12-Pin
Bus Type	PCI-Express 4.0 x16

PRODUCT INFORMATION

PNY Part Number	VCG30708DFMPB
UPC Code	751492639833
Card Dimensions	TBD; Dual-Slot
Box Dimensions	19 x 38 x 9cm

¹ 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.



ver. 01-16-20