PNY GEFORCE RTX™ 3090 24GB
XLR8 Gaming REVEL 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™ 3090 is a big ferocious GPU (BFGPU) with TITAN class performance. It's powered by Ampere—NVIDIA's 2nd gen RTX architecture—doubling down on ray tracing and AI performance with enhanced RT Cores, Tensor Cores, and new streaming multiprocessors. Plus, it features a staggering 24 GB of G6X memory, all to deliver the ultimate 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™
- NVIDIA NVLink™ (SLI-Ready)
- 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[1]

PRODUCT SPECIFICATIONS

NVIDIA® CUDA Cores	10496
Clock Speed	1395 MHz
Boost Speed	1695 MHz
Memory Speed (Gbps)	19.5
Memory Size	24GB GDDR6X
Memory Interface	384-bit
Memory Bandwidth (Gbps)	936
TDP	350 W
NVLink	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	VCG309024TFXPPB
UPC Code	751492639543
Card Dimensions	11.57 x 4.41" x 2.20"; 2.7-Slot
Box Dimensions	8.35" x 14.68" x 3.78"

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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