XLR8 GAMING

GeForce RTX™ 2070 8GB

XLR8 Gaming Overclocked Edition

Up to 6X Faster Performance

Experience 6X the performance of previous-generation graphics cards combined with maximum power efficiency.

Real-Time Ray Tracing in Games

GeForce RTX™ 2070 is light years ahead of other cards, delivering truly unique real-time ray-tracing technologies for cutting-edge, hyper-realistic graphics.

Latest AI Enhanced Graphics

Powered by NVIDIA Turing, GeForce™ RTX 2070 brings the power of AI to games.

GRAPHICS REINVENTED

The powerful new GeForce® RTX 2070 takes advantage of the cutting-edge NVIDIA Turing™ architecture to immerse you in incredible realism and performance in the latest games. The future of gaming starts here.

GeForce® RTX graphics cards are powered by the Turing GPU architecture and the all-new RTX platform. This gives you up to 6_ the performance of previous-generation graphics cards and brings the power of real-time ray tracing and AI to games.

When it comes to next-gen gaming, it's all about realism. GeForce RTX 2070 is light years ahead of other cards, delivering truly unique real-time ray-tracing technologies for cutting-edge, hyper-realistic graphics.

KEY FEATURES

- Real-Time Ray Tracing
- NVIDIA® GeForce Experience™
- NVIDIA® Ansel
- NVIDIA® Highlights
- NVIDIA® G-SYNC™ Compatible
- Game Ready Drivers
- Microsoft® DirectX® 12 API, Vulkan API, OpenGL 4/5
- DisplayPort 1.4 (x3), HDMI 2.0b, DVI-D, USB Type-C
- Designed for USB Type-C™ and VirtualLink™[>4]
- HDCP 2.2
- NVIDIA® GPU Boost™
- VR Ready

SYSTEM REQUIREMENTS

- PCI Express-compliant mother-board with one dual-width x16 graphics slot
- One 6-pin and one 8-pin supple-mentary power connectors
- 550 W or greater system power supply[>2]
- 1.5GB available hard-disk space
- 8GB system memory (16GB or higher recommended)
- Microsoft Windows 10 (April 2018 Update or later), Windows 7 64-bit, Linux 64-bit
- Internet connection[>3]

PRODUCT SPECIFICATIONS

NVIDIA® CUDA Cores	2304
Clock Speed	1410 MHz
Boost Speed	1725 MHz
Memory Speed (Gbps)	14
Memory Size	8GB GDDR6
Memory Interface	256-bit
Memory Bandwidth (Gbps)	448
TDP	185 W[>5]
NVLink	Not Supported
Outputs	DisplayPort 1.4 (_3), HDMI 2.0b, USB Type-C
Multi-Screen	Yes
Resolution	7680 x 4320 @60Hz (Digital)[>1]
Power Input	One 8-Pin
Bus Type	PCI-Express 3.0 x16

PRODUCT INFORMATION

PNY Part Number	VCG20708DFPPB-O
UPC Code	751492622125
Card Dimensions	1.38" x 11.50" x 4.50"; Dual-Slot
Box Dimensions	14.68˝ x 3.78˝ x 8.35˝

1 7680 x 4320 @60Hz RGB8-bit with dual DisplayPort connectors or 7680 x 4320 @60Hz YUV420 8-bit with DisplayPort 1.3 connector.

2 Recommendation is made based on PC configured with an Intel Core i7 3.2 GHz processor. Pre-built system may require less power depending on system configuration.

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

4 In preparation for the emerging VirtualLink standard, Turing GPUs have implemented hardware support according to the "VirtualLink Advance Overview".

5 Advertised TDP does not include the additional up to 35 watts required when Type-C port is in use. TDP increases by up to 35 watts when Type-C port is being utilized for VirtualLink™.

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

NVIDIA GEFORCE RTX™

ver. 02-12-19