



NVIDIA® GeForce® RTX 2070 8GB



GRAPHICS REINVENTED

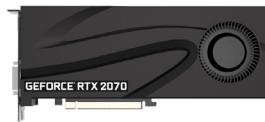
The powerful new GeForce® RTX 2070 takes advantage of the cutting-edge NVIDIA Turing™ architecture to immerse you in incredible realism and performance in the latest games. The future of gaming starts here.

GeForce® RTX graphics cards are powered by the Turing GPU architecture and the all-new RTX platform. This gives you up to 6X 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
- HDCP 2.2
- NVIDIA® GPU Boost™
- VR Ready



GeForce® RTX 2070 8GB

SPECIFICATIONS

NVIDIA GeForce® RTX 2070 8GB Blower	
PNY Part Number	VCG20708BLMPB
UPC Code	751492622118
Card Dimensions	281mm × 128mm, Dual-Slot
NVIDIA® CUDA Cores	2304
Clock Speed	1410 MHz
Boost Speed	1620 MHz
Memory Speed (Gbps)	14
Memory Size	8GB GDDR6
Memory Interface	256-bit
Memory Bandwidth (GB/sec)	448
TDP	175 W
NVLink	Not Supported
Outputs	DisplayPort 1.4 (x3), HDMI 2.0b, DVI-D
Multi-Screen	Yes
Resolution	7680 × 4320 @60Hz (Digital)¹
Power Input	One 8-Pin
Bus Type	PCI-Express 3.0 ×16

MINIMUM SYSTEM REQUIREMENTS:

- PCI Express-compliant motherboard with one dual-width ×16 graphics slot
 - One 8-pin supplementary power connector
 - Minimum 550W or greater system power supply²
 - 1.5 GB of available hard-disk space
 - 8 GB system memory (16 GB or higher recommended)
 - Microsoft Windows 10 64-bit (April 2018 Update or later), Windows 7 64-bit, Linux 64-bit
 - Internet connection³
1. 7680 × 4320 @60Hz RGB8-bit with dual DisplayPort connectors or 7680 × 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.