



NVIDIA® GeForce® GTX 1070 8GB

Founders Edition



10: GAMING PERFECTED

Take on today's challenging, graphics-intensive games without missing a beat. The GeForce® GTX 1070 graphics card delivers the incredible speed and power of NVIDIA Pascal™—the most advanced GPU ever created—for truly revolutionary gaming and VR performance.

The GeForce® GTX 1070 comes with ultra-fast FinFET technology and supports DirectX 12 features. This means you can count on an amazing experience in every application—including performance in AAA and immersive VR Ready games that's up to 3X faster than with previous-generation GPUs.

Get the power to drive next-generation displays, including VR, ultra-high-resolution, and multiple monitors. And bring more realism to every game with NVIDIA GameWorks™ technologies that offer a true cinematic experience and amazing new image-capture to share your game. All with the lowest latency and plug-and-play compatibility with leading VR headsets.

KEY FEATURES

- Simultaneous Multi-Projection
- VR Ready
- NVIDIA Ansel Support
- NVIDIA® SLI® w/ HB Bridge Support
- NVIDIA G-Sync™
- NVIDIA GameStream™
- NVIDIA GPU Boost™ 3.0
- Microsoft® DirectX® 12 Support
- Vulkan API Support
- Open GL 4.5 Support
- PCI Express 3.0
- OS Certification - Windows 7-10, Linux, FreeBSDx86
- Max Digital Resolution - 7680 × 4320 @ 60Hz¹
- Support for four concurrent displays including:
 - DP1.4
 - HDMI 2.0b
 - DL-DVI
- HDCP 2.2
- Latest Display Interface Support DP 1.4²



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SPECIFICATIONS

NVIDIA GeForce® GTX 1070

PNY Part Number	VCGGTX10708PB-CG
UPC Code	751492594781
Card Dimensions	10.5" × 4.38" Dual-Slot
Box Dimensions	15.5" × 7.7" × 3.8"
Weight	3 lbs.
NVIDIA® CUDA Cores	1920
Core Speed	1506 MHz
Boost Speed	1683 MHz
Memory Clock (Gbps)	8
Memory Size	8GB GDDR5
Memory Interface	256-bit
Memory Bandwidth (GB/sec)	256
TDP	150 W
SLI	SLI HB Bridge Supported
Multi-Screen	Yes
Resolution	7680 × 4320 @ 60Hz (Digital) ¹
Power Input	One 8-Pin
Bus Type	PCI-Express 3.0 x16

MINIMUM SYSTEM REQUIREMENTS:

- PCI Express-compliant motherboard with one double-width ×16 graphics slot
- One 8-pin PCI Express supplementary power connector
- Minimum 500 W or greater system power supply³
- 300 MB of available hard-disk space
- 2 GB system memory (4 GB or higher recommended)
- Microsoft Windows 10, Windows 8, Windows 7, Linux, FreeBSDx86
- DVD-ROM drive and Internet connection⁴

1. 7680 × 4320 @60Hz RGB8-bit with dual DisplayPort connectors or 7680 × 4320 @60Hz YUV420 8-bit with DisplayPort 1.3 connector.
2. DisplayPort 1.2 Certified, DisplayPort 1.3 / 1.4 Ready.
3. 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.
4. Graphics Card driver is not included in the box; GeForce Experience will download the latest GeForce driver from the Internet after install.