

# PNY

# NVIDIA® GeForce® GTX 1070 8GB



## 10: GAMING PERFECTED

Take on today's challenging, graphics-intensive games without missing a beat. The PNY 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.

This advanced graphics card is created with ultra-fast FinFET technology and supports DirectX 12 features to deliver fast, smooth, power-efficient gaming experiences. Plus, it balances sleek angles and thermals for a cooler design—both inside and out.

Get up to 3X faster performance in AAA and immersive VR Ready games than with previous-generation GPUs. 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.



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### 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
- Max Digital Resolution - 7680 × 4320 @ 60Hz<sup>1</sup>
- Display Connectors:
  - 3x DisplayPort 1.4
  - HDMI 2.0b
  - DL-DVI

### SPECIFICATIONS

NVIDIA GeForce® GTX 1070	
PNY Part Number	VCGGTX10708PB
UPC Code	751492597256
Card Dimensions	11.02" × 4.96" × 1.49" 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) <sup>1</sup>
Power Input	One 8-Pin
Bus Type	PCI-Express 3.0 x16

### MINIMUM SYSTEM REQUIREMENTS:

- PCI Express-compliant motherboard with one double-width x16 graphics slot
- One 8-pin PCI Express supplementary power connector
- Minimum 500 W or greater system power supply<sup>2</sup>
- 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 connection<sup>3</sup>

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.