

PNY

NVIDIA® GeForce® GTX 1080 Ti 11GB



10: GAMING PERFECTED

The GeForce® GTX 1080 Ti is NVIDIA's new flagship gaming GPU, based on the NVIDIA Pascal™ architecture. The latest addition to the ultimate gaming platform, this card is packed with extreme gaming horsepower, next-gen 11 Gbps GDDR5X memory, and a massive 11 GB frame buffer. #GameReady

Discover unrivaled gaming, powered by NVIDIA Pascal™—the world's most advanced GPU architecture. GeForce® GTX 1080 Ti features massive gaming horsepower with 3584 NVIDIA® CUDA® cores and 12 billion transistors. This means you can count on up to 3X the performance of previous-generation graphics cards*, plus breakthrough gaming technologies and VR experiences.



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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 @ 60Hz¹
- Support for four concurrent displays including:
 - (3x) DP1.4
 - HDMI 2.0b

SPECIFICATIONS

NVIDIA GeForce® GTX 1080 Ti Edition	
PNY Part Number	VCGGTX1080T11PB-CG2
UPC Code	751492605920
Card Dimensions	4.409" x 10.511" x 1.653", Dual-Slot
Box Dimensions	12.5" x 6.4" x 2.7"
Weight	3 lbs.
NVIDIA® CUDA Cores	3584
Boost Speed	1582 MHz
Memory Clock (Gbps)	11
Memory Size	11GB GDDR5X
Memory Interface	352-bit
Memory Bandwidth (GB/sec)	484
TDP	250 W
SLI	SLI HB Bridge Supported
Multi-Screen	Yes
Resolution	7680 × 4320 @ 60Hz (Digital) ¹
Power Input	One 6-Pin, 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 6-pin and One 8-pin PCI Express supplementary power connector
- Minimum 600W or greater system power supply²
- 300 MB of available hard-disk space
- 8 GB system memory (16 GB or higher recommended)
- Microsoft Windows 10, Windows 8, Windows 7, Linux, FreeBSDx86
- 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.