

# PNY

# NVIDIA® GeForce RTX™ 2080 Ti 11GB



## GRAPHICS REINVENTED

NVIDIA's newest flagship graphics card is a revolution in gaming realism and performance. Its powerful NVIDIA Turing™ GPU architecture, breakthrough technologies, and 11 GB of next-gen, ultra-fast GDDR6 memory make it the world's ultimate gaming GPU.

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 2080 Ti 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, USB Type-C
- Designed for USB Type-C™ and VirtualLink™<sup>4</sup>
- HDCP 2.2
- NVIDIA® GPU Boost™
- NVIDIA® NVLink (NVIDIA SLI)
- VR Ready



GeForce RTX™ 2080 Ti 11GB

## SPECIFICATIONS

NVIDIA GeForce RTX™ 2080 Ti 11GB Blower	
PNY Part Number	VCG2080T11BLMPB
UPC Code	751492621722
Card Dimensions	1.38" × 10.50" × 4.50", Dual-Slot
Box Dimensions	6.76" × 12.21" × 3.53"
NVIDIA® CUDA Cores	4352
Clock Speed	1350 MHz
Boost Speed	1545 MHz
Memory Speed (Gbps)	14
Memory Size	11GB GDDR6
Memory Interface	352-bit
Memory Bandwidth (GB/sec)	616
TDP	250 W <sup>5</sup>
NVLink	2-way
Outputs	DisplayPort 1.4 (x3), HDMI 2.0b, USB Type-C
Multi-Screen	Yes
Resolution	7680 × 4320 @60Hz (Digital) <sup>1</sup>
Power Input	Two 8-Pin
Bus Type	PCI-Express 3.0 ×16

### MINIMUM SYSTEM REQUIREMENTS:

- PCI Express-compliant motherboard with one dual-width ×16 graphics slot
  - Two 8-pin supplementary power connectors
  - 650 W or greater system power supply<sup>2</sup>
  - 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 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.
  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™.

