



# GeForce GTX 1070Ti

NVIDIA® GeForce® GTX 1070 Ti





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Description



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```

# GEFORCE GTX 1070 TI

## GeForce Experience™

Automatically update your drivers. Optimize settings. Capture and share videos, screenshots, and livestreams. Even win rewards.

## NVIDIA ShadowPlay™

Record and share your greatest gaming moments. Easily record gameplay, capture screenshots, and share.

4K and HDR



Game with High Dynamic Range for the best color contrast and realism, plus 4K for crystal-clear fidelity.

## Game Ready Drivers

Get the Perfect Driver for Every Title. The ultimate gaming performance at launch, and beyond—so you're always ready to game.

### Overview

#### 10: GAMING PERFECTED

Take on today's most challenging, graphics-intensive games without missing a beat. The GeForce GTX 1070 Ti graphics cards delivers the incredible speed and power of NVIDIA Pascal™—the most advanced gaming GPU architecture ever created. This is the ultimate gaming platform. #GameReady.

#### 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 - 7680x4320 @ 60Hz
- Display Connectors
  - 3x DisplayPort 1.4
  - HDMI 2.0b



## 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 supply
- 300MB of available hard-disk space
- 2 GB system memory (4GB or higher recommended)
- Microsoft Windows 10, Windows 8, Windows 7, Linux, FreeBSDx86
- DVD-ROM drive and Internet connection

## Product Specifications

<b>CUDA Cores</b>	2432
<b>Core Speed</b>	1607 MHz
<b>Boost Clock</b>	1683 MHZ
<b>Memory Clock</b>	8 GBPS
<b>Memory Amount</b>	8GB GDDR5
<b>Memory Interface</b>	256-BIT
<b>Memory Bandwidth</b>	256 GBPs
<b>TDP</b>	180W
<b>SLI</b>	SLI HB Bridge Supported
<b>Multi-Screen</b>	Yes
<b>Max Resolution</b>	7680 × 4320 @60Hz (Digital)
<b>Power Input</b>	One 8-PIN
<b>Bus Type</b>	PCI-Express 3.0 x 16
<b>Card Dimensions</b>	9.92" x 4.4" x 1.52"
<b>Width</b>	Dual Slot
<b>Box Dimensions</b>	12.5" x 6.4" x 2.7"
<b>Virtual Reality Ready</b>	Yes