



NVIDIA® GeForce® GTX 970 4GB



The GeForce® GTX™ 970 is a high-performance graphics card designed for serious gaming. Powered by new NVIDIA® Maxwell™ architecture, it features advanced technologies and class-leading graphics for incredible gaming experiences.

This innovative GPU doubles the performance of previous-generation cards* and provides realistic lighting and support for smooth, tear-free NVIDIA G-SYNC™ technology. Plus, it offers Super Resolution technology for 4K-quality gaming—even on 1080p displays.

*Compared to GeForce GTX670

KEY FEATURES

- NVIDIA Super Resolution technology
- NVIDIA GameWorks™ technology
- NVIDIA GameStream™ technology
- NVIDIA G-Sync™-Ready
- NVIDIA SHIELD™-Ready
- Microsoft DirectX 12
- NVIDIA GPU Boost 2.0
- NVIDIA Adaptive Vertical Sync
- NVIDIA Surround™ technology
- Support for four concurrent displays including:
 - Dual-link DVI
 - HDMI 2.0
 - Two Mini-DisplayPort 1.2
- NVIDIA SLI®-Ready
- NVIDIA CUDA® technology
- PCI Express 3.0 support
- OpenGL 4.4
- OpenCL™ support

Available Option



GTX 970 4GB
Custom Cooler

SPECIFICATIONS

NVIDIA GeForce® GTX 970 4GB

PNY Part Number	VCGGTX9704R2XPB
UPC Code	751492586649
Card Dimensions	4.376" × 9.62" Dual-Slot
NVIDIA® CUDA Cores	1664
Base Clock (MHz)	1050
Boost Clock (MHz)	1178
Memory Clock (Gbps)	7.0
Memory Amount	4096 MB GDDR5
Memory Interface	256-bit
Memory Bandwidth (GB/sec)	224
Texture Fill Rate (billion/sec)	109
Multi-Screen	4
Max Resolution	4096 × 2160 (Digital)
Power Input	Two 6-Pin
Bus Type	PCI-Express 3.0 x16

MINIMUM SYSTEM REQUIREMENTS:

- PCI Express-compliant motherboard with one dual-width x16 graphics slot
 - Two 6-pin PCI Express supplementary power connectors
 - Minimum 500W or greater system power supply
 - 300MB of available hard-disk space
 - 2GB system memory (4GB or higher recommended)
 - Microsoft Windows 10, Windows 8, Windows 7, Windows Vista
 - DVD-ROM drive and Internet connection
1. Support for HDMI includes GPU-accelerated Blu-ray 3D support (Blu-ray 3D playback requires the purchase of a compatible software player from CyberLink, ArcSoft, Corel, or Sonic), x.v.Color, HDMI Deep Color, and 7.1 digital surround sound. Upgrade your GPU to full 3D capability with NVIDIA 3DTV Play™ software, enabling 3D gaming, picture viewing, and 3D web video streaming. See www.nvidia.com/3dtv for more details.
 2. Minimum system power requirement based on a PC configured with an Intel Core i7 3.2GHz processor.
 3. Graphics Card driver is not included in the box, GeForce Experience will download the latest GeForce driver from the Internet after install.