

GEFORCE® GTX 680 4GB

Game-Changing Innovation

The GeForce® GTX 680 delivers more than just state-of-the-art features and technology. It gives you truly gaming-changing performance that taps into the power next generation GeForce® Kepler-architecture to redefine smooth, seamless, lifelike gaming. NVIDIA GPU Boost technology that dynamically maximize clock speeds to push performance to the new levels and bring out the best in every game. Ultra-smooth gaming with exciting new NVIDIA Adaptive V-Sync technology.

PACKAGE INCLUDES

- GeForce® GTX 680 4GB graphics card
- Quick Installation Guide
- Installation DVD, which includes: Detailed installation guide
 - NVIDIA® Graphics Drivers
 - NVIDIA® GeForce® Demos
 - PhysX™ System Software
- DVI-to-VGA adapter
- 6-pin PCIe to Molex Power Adapter

KEY FEATURES

- NVIDIA® GPU Boost
- NVIDIA® Adaptive Vertical Sync
- NVIDIA® Surround™ Technology*
- Support for four concurrent displays including:***
 - Two Dual-Link DVI
 - HDMI® 1.4a
 - DisplayPort 1.2
- Microsoft® DirectX® 11 with DirectCompute 5.0
- NVIDIA® PhysX® technology
- NVIDIA® 3D Vision®-Ready
- NVIDIA® CUDA® technology
- PCI Express 3.0 support
- OpenGL 4.3 support
- OpenCL™ support

REQUIREMENTS

- PCI Express compliant motherboard with one dual-width x16 graphics slot
- One 6-pin PCI Express supplementary power connectors
- Minimum 550W or greater system power supply (with a minimum 12V current rating of 38A)1
- 300 MB of available hard-disk space 2GB system memory (4GB or higher recommended)
- Microsoft Windows 7, Windows Vista, or Windows XP Operating System (32 or 64-bit)
- DVD-ROM drive or Internet connection for installation
- DVI, HDMI, DisplayPort or VGA compatible monitor

VCGGTX6804XPB

PRODUCT SPECIFICATIONS	
GPU	GeForce® GTX 680
CUDA Cores	1536
Core Speed	1006 MHz
Boost Speed	1058 MHz
Memory Size	4096 MB GDDR5
Memory Interface	256 bit
Memory Frequency	6.0 Gbps
TDP	195W-Active
SLI	3-Way SLI
Multi-Screen	4 Concurrent Screens*** NVIDIA 3D Surround*
Outputs	DVI-I, DVI-D, HDMI® 1.4a, DisplayPort 1.2
Resolution	2560×1600 (Digital)
Power Input	2× 6-pin PCI-E Power
Bus Type	PCI-Express 3.0 16x
UPC	751492553320
Card Dimensions	10"× 4.376" Dual-Slot
Box Dimensions & Weight	12.5"× 6.25"× 2.5," 2.5 lbs.















PNY One-Year warranty will be extended to Lifetime of the original purchaser upon completion of product

registration. Product must be registered on PNY's website www.pny.com within 90 days of purchase. Features and specifications subject to change without notice. 3- or 4-Screen Support only in Windows 8, Windows 7 and Windows Vista. Windows XP or earlier version will only support dual monitors.