



## GEFORCE® GTX 660 2GB

## VCGGTX660XPB

### The Must-Have Upgrade for This Year's Hottest Titles

The GeForce® GTX 660 extends the NVIDIA® Kepler™-powered family of graphics cards to new levels of affordability while retaining class-leading performance and power efficiency. It's the weapon of choice for gamers and a must-have upgrade for today's hottest games. The GeForce GTX 660 graphics card represents the Kepler "sweet spot" for gamers—the ultimate combination of performance, power efficiency, and affordability.

#### PACKAGE INCLUDES

- GeForce® GTX 660 graphics card
- Quick Installation Guide
- Installation DVD, which includes:
  - NVIDIA® Graphics Drivers
  - NVIDIA® GeForce® Demos
  - PhysX™ System Software
- DVI-I 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
- 2-way NVIDIA® SLI®-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 450W or greater system power supply (with a minimum 12V current rating of 24A)
- 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

#### PRODUCT SPECIFICATIONS

<b>GPU</b>	GeForce® GTX 660
<b>CUDA Cores</b>	960
<b>Core Speed</b>	980 MHz
<b>Boost Speed</b>	1033 MHz
<b>Memory Size</b>	2048 MB GDDR5
<b>Memory Interface</b>	192 bit
<b>Memory Frequency</b>	6.0 Gbps
<b>TDP</b>	140W Active
<b>SLI</b>	2-Way SLI
<b>Multi-Screen</b>	4 Concurrent Screens*** NVIDIA 3D Surround*
<b>Outputs</b>	DVI-I, DVI-D, HDMI, DisplayPort 1.2
<b>Resolution</b>	2560×1600 (Digital)
<b>Power Input</b>	1× 6-pin PCI-E Power
<b>Bus Type</b>	PCI-Express 3.0 16x
<b>UPC</b>	751492555133
<b>Card Dimensions</b>	10"× 4.376" Dual-Slot
<b>Box Dimensions &amp; Weight</b>	12.5"× 6.25"× 2.5", 2.5 lbs.

\* NVIDIA® 3D SURROUND requires additional hardware, please see [www.NVIDIA.com/get3D](http://www.NVIDIA.com/get3D) for detail information  
 \*\* 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](http://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.

