



## GEFORCE® GT 640 1GB

## VCGGT640XPB

### Game-Changing Innovation

Every PC deserves dedicated graphics. Upgrade to dedicated GPU and bring your multimedia performance to life with an NVIDIA® GeForce® GT 640 graphics card by PNY. Count on NVIDIA dedicated graphics for a faster, more immersive experience in your favorite applications—every time.

#### PACKAGE INCLUDES

- GeForce® GT 640 graphics card
- Quick Installation Guide
- Installation DVD, which includes:
  - Detailed installation guide
  - NVIDIA® Graphics Drivers
  - NVIDIA® GeForce® Demos
  - PhysX™ System Software

#### KEY FEATURES

- NVIDIA® SMX
- NVIDIA® Surround™ Technology\*
- NVIDIA® PureVideo® HD Technology
- Blu-ray 3D Support
- TrueHD and DTS-HD Audio
- Bitstreaming Support
- Microsoft® DirectX® 11 support
- NVIDIA® CUDA™ technology with CUDA C/C++, DirectCompute, and
- OpenCL Support
- NVIDIA PhysX® Technology
- NVIDIA FXAA Technology
- NVIDIA Adaptive Vertical Sync
- NVIDIA PhysX® Technology
- OpenGL 4.3 support
- PCI Express 3.0 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)
- 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® GT 640
<b>CUDA Cores</b>	384
<b>Core Speed</b>	900 MHz
<b>Boost Speed</b>	1024 MHz
<b>Memory Size</b>	1024 MB DDR3
<b>Memory Interface</b>	128-bit
<b>Memory Frequency</b>	1782 MHz (effective)
<b>TDP</b>	65W-Active
<b>Multi-Screen</b>	3 Concurrent Screens*** NVIDIA Surround*
<b>Outputs</b>	VGA D-SUB, Dual-Link DVI-D, HDMI® 1.4a
<b>Resolution</b>	2560×1600 (Digital)
<b>Power Input</b>	PCI-E Internal Power
<b>Bus Type</b>	PCI-Express 3.0 16×
<b>UPC</b>	751492543079
<b>Card Dimensions</b>	6.4" × 2.71" × 1.44"
<b>Box Dimensions &amp; Weight</b>	12.5" × 6.3" × 2.6," 1.2 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.

