

PNY Part # VCGGT640XPB

100 Jefferson Rd, Parsippany, NJ 07054
 Toll Free Phone: 800-769-7079
 productinformation@pny.com



BRING HD VIDEOS, PHOTOS, GAMES AND WEB TO LIFE.

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.

Specification

GPU:	GeForce® GT 640
CUDA Cores:	384
Core Speed:	900 MHz
Memory Size:	1024 MB DDR3
Mem. Interface:	128 bit
Mem. Frequency:	1782 MHz
TDP:	65W Active
SLI:	No
Multi-Screen:	3 Concurrent Screens
Outputs:	NVIDIA Surround VGA D-SUB DVI-D HDMI® 1.4a
Resolution:	2560 x 1600 (Digital)
Power Input:	PCI-E Internal Power
Bus Type:	PCI-Express 3.0 16x
UPC:	751492543079

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
 HDMI
 OpenGL 4.2
 PCI Express 3.0

Requirements

- PCI Express compliant motherboard with one dual-width x16 graphics slot
- Minimum 350W or greater system power supply (with a minimum 12V current rating of 20A)
- 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 or VGA compatible monitor



Card Dimension (inch)
 6.0 x 2.71 x 1.44

Box Dimension (inch)
 12.5 x 6.25 x 2.5
 Weight: 1.5 lbs.

Box Contents

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



NVIDIA® Surround

DirectX 11

PhysX® by NVIDIA

NVIDIA® CUDA™

Adaptive V-Sync

PNY 3 Years Warranty**

**PNY One-Year warranty will be extended to 3 Year upon completion of product registration. Product must be registered on PNY's website <http://www.pny.com> within 90 days of purchase.

Copyright © 2012 PNY Technologies Inc. © 2012 NVIDIA Corporation. NVIDIA, the NVIDIA Logo, and GeForce are registered trademarks of NVIDIA Corporation in the U.S. and other countries. All Rights reserved.

