

PNY

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GEFORCE® GTX 650 2GB

PNY Part # VCGGTX650XPB

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

XLR8

PERFORMANCE EDITION



Step Up to the Next-Gen PC gaming at a remarkable price

Take your passion for PC gaming to the next level by stepping up to the industry's leading family of gaming graphics with the GeForce® GTX 650. Play your favorite FPS and MMO games with full DirectX 11 support that blows away your old DirectX 10 card's performance by up to 6x. Plus, you can count on the GTX 650's revolutionary next-gen NVIDIA® Kepler™ architecture for stunning graphics, rock solid performance and 1080p HD brilliance in the hottest titles—at a remarkable price.

Specifications

GPU: GeForce® GTX 650
CUDA Cores: 384
Core Speed: 1058 MHz
Memory Size: 2048 MB GDDR5
Mem. Interface: 128-bit
Mem. Frequency: 5000 MHz (effective)
TDP: 64W-Active
Multi-Screen: 3 Concurrent Screens*
NVIDIA Surround**
Outputs: Dual-Link DVI-I
Dual-Link DVI-D
Mini-HDMI®
Resolution: 2560 x 1600 (Digital)
Power Input: 1x 6-pin PCI-E Power
Bus Type: PCI-Express 3.0 16x
UPC: 751492555126

Key Features

NVIDIA® Adaptive Vertical Sync
NVIDIA® Surround™™
Support for three concurrent displays* including:
• Two Dual-Link DVI
• Mini-HDMI®
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 400W 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, Mini-HDMI or VGA compatible monitor



Mini-HDMI

DVI-D

DVI-I

Card Dimensions

5.7" x 4.376" Dual-Slot

Box Dimensions

12.5" x 6.3" x 2.6"
Weight: 1.2 lbs.

Box Contents

- GeForce® GTX 650 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
- Mini-HDMI to HDMI Adapter



*3-Screen Support only in Windows 7 and Windows Vista. Windows XP or earlier version will only support dual monitors.

**NVIDIA® 3D Vision® requires additional hardware, please see <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 <http://www.pny.com> within 90 days of purchase. Features and specifications subject to change without notice.

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GAME ON.

