

PNY
Make Life Simple™

GEFORCE® GTX 650 Ti 1GB

PNY Part # VCGGTX650T1XPB

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XLR8
PERFORMANCE EDITION



Step up to GeForce GTX Gaming for This Year's Hottest Titles

Do you love playing PC games? If you're passionate about first-person games like Call of Duty, massively multiplayer online games like World of WarCraft, or real-time strategy games like StarCraft II, then GeForce GTX by PNY is for you. Step into GeForce GTX gaming with the turbocharged GeForce GTX 650 Ti by PNY. Enjoy hot new games in full 1080p HD with this next-generation NVIDIA Kepler™ architecture-based GPU and make your console-loving friends envious.



Mini-HDMI DVI-D DVI-I

Specifications

GPU: GeForce® GTX 650 Ti
CUDA Cores: 768
Core Speed: 928 MHz
Memory Size: 1024 MB GDDR5
Mem. Interface: 128 bit
Mem. Frequency: 5400 MHz (Effective)
TDP: 100W Active
SLI: Not Supported
Multi-Screen: 3 Concurrent Screens*
NVIDIA Surround
Outputs: DVI-I
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: 751492556024

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

Card Dimensions

5.71" x 4.34" Dual-Slot

Box Dimensions

12.5" x 6.25" x 2.5"
Weight: 2.5 lbs.

Box Contents

- GeForce® GTX 650 Ti 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



NVIDIA® Surround

DirectX 11

PhysX[™] by NVIDIA

TXAA Anti-Aliasing

Adaptive V-Sync

PNY Lifetime Warranty***

*3-Screen Support only in Windows 8, 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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