# PNY
## Make Life Simple™

# GEFORCE® GTX 780 3GB

# VCGGTX7803XPB

## PURE PERFORMANCE, ULTIMATE EXPERIENCE

The new GeForce GTX 780 by PNY marks an evolution in gaming performance—an insanely fast, smooth, and whisper-quiet experience, every time. It features a massively powerful NVIDIA Kepler™ GPU of 2,304 cores - 50% more than its predecessor. Plus, it comes with 3 GB of high-speed GDDR5 memory and NVIDIA GPU Boost 2.0 technology, giving you the performance capabilities you need to game at extreme settings.

### PACKAGE INCLUDES

- GeForce® GTX 780 3GB 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

### KEY FEAURES

- NVIDIA® GPU Boost 2.0
- NVIDIA® Adaptive Vertical Sync
- NVIDIA® TXAA Technology
- NVIDIA® FXAA Technology
- NVIDIA® Surround™
- Support for four concurrent Displays* including:
  - Two Dual-Link DVI
  - HDMI 1.4b
  - DisplayPort 1.2
- Microsoft® DirectX® 11.1 (feature 11_0)
- NVIDIA® PhysX® technology
- NVIDIA® 3D Vision®-Ready
- NVIDIA® SLI®-Ready
- NVIDIA® Shield™ -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 8-pin and One 6-pin PCI Express supplementary power connectors
- Minimum 600W or greater system power supply (with a minimum 12V current rating of 42A)3
- 300 MB of available hard-disk space
- 2GB system memory (4GB or higher recommended)
- Microsoft Windows 8, 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 | |
|---|---|
| GPU | GeForce® GTX 780 |
| CUDA Cores | 2304 |
| Core Speed | 863 MHz |
| Boost Speed | 902 MHz |
| Memory Size | 3072 MB GDDR5 |
| Memory Interface | 384-bit |
| Memory Frequency | 6008 MHz (effective) |
| TDP | 250W-Active |
| SLI | 3-Way SLI |
| Multi-Screen | 4 Concurrent Screens* NVIDIA 3D Surround** |
| Outputs | Two Dual-Link DVI, HDMI 1.4b, DisplayPort 1.2 |
| Resolution | 2560×1600 (Digital) |
| Power Input | 1× 8-pin Aux Input, 1× 6-pin Aux Input |
| Bus Type | PCI-Express 3.0 16x |
| UPC | 751492566610 |
| Card Dimensions | 10.5˝× 4.376 ˝ Dual-Slot |
| Box Dimensions & Weight | 12.5 ˝ × 6.38 ˝ × 2.63 ˝ 3 lbs. |

GPU Boost | 3072 MB GDDR5 | PhysX™ by NVIDIA | TXAA Anti-Aliasing | Adaptive V-Sync | PNY Lifetime Warranty***

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