

GEFORCE® GTX 690 4GB

ENTHUSIAST EDITION

PNY Part # VCGGTX6904XPB-CG

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PERFORMANCE, POWER, AND PASSION MADE PERFECT

The GeForce® GTX 690 XLR8 by PNY is NVIDIA's fastest graphics card ever. It combines the groundbreaking new GeForce architecture with raw dual-GPU power to provide truly gamechanging performance. Get superior gaming innovation that's meticulously designed—inside and out—for the fastest, smoothest, richest gaming experience.

Specifications

GPU: GeForce® GTX 690

CUDA Cores: 3072 Core Speed: 915 MHz **Boost Speed:** 1019 MHz

4096 MB GDDR5 Memory Size:

Mem. Interface: 512-bit (256-bit per GPU) Mem. Frequency: 6008 MHz (effective)

TDP: 300W-Active SLI: 4-Way SLI

4 Concurrent Screens* Multi-Screen:

NVIDIA 3D Surround**

Outputs: Dual Dual-Link DVI-I

Dual-Link DVI-D Mini-DisplayPort 1.2

Resolution: 2560 x 1600 (Digital) Power Input: 2x 8-pin PCI-E Power PCI-Express 3.0 16x Bus Type:

UPC: 751492564197

Key Features

NVIDIA® GPU Boost

NVIDIA® Adaptive Vertical Sync NVIDIA® TXAA Technology NVIDIA® FXAA Technology NVIDIA® Surround™ Support for four concurrent

displays* including:

- Three Dual-Link DVI
- Mini-DisplayPort 1.2

Microsoft® DirectX® 11 NVIDIA® PhysX® technology NVIDIA® 3D Vision®-Ready Quad NVIDIA® SLI®-Ready

NVIDIA® CUDA® technology PCI Express 3.0 support

OpenGL 4.3 support OpenCL ™ support

Requirements

- with one dual-width x16 graphics slot
- Two 8-pin PCI Express supplementary
- power supply (with a minimum 12V current rating of 46A)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
- DVD-ROM drive or Internet connection for installation
- compatible monitor

- PCI Express compliant motherboard
- power connectors
- Minimum 650W or greater system
- Operating System (32 or 64-bit)
- DVI. HDMI. Mini-DisplayPort or VGA



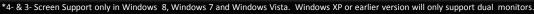
4096 MB GDDR5



TXAAAnti-Aliasing



PNY Lifetime Warrantv**



**NVIDIA® 3D SURROUND 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. Copyright © 2013 PNY Technologies Inc. © 2013 NVIDIA Corporation. NVIDIA, the NVIDIA Logo, and GeForce are registered trademarks of NVIDIA Corporation in the U.S. and other countries. All Rights reserved. DVI-D



Mini-DisplayPort

DVI-I

Card Dimensions

11" x 4.376" Dual-Slot

Box Dimensions

15.5" x 13.75" x 2.75" Weight: 4 lbs.

Box Contents

- GeForce® GTX 690 4GB 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
- Molex to 8-pin adapters

