

PNY
Make Life Simple™

GEFORCE® GTX 690 4GB

XLR8
ENTHUSIAST EDITION

4GB
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 game-changing 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
 Memory Size: 4096 MB GDDR5
 Mem. Interface: 512-bit (256-bit per GPU)
 Mem. Frequency: 6008 MHz (effective)
 TDP: 300W-Active
 SLI: 4-Way SLI
 Multi-Screen: 4 Concurrent Screens*
 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
 Bus Type: PCI-Express 3.0 16x
 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

- PCI Express compliant motherboard with one dual-width x16 graphics slot
- Two 8-pin PCI Express supplementary power connectors
- Minimum 650W or greater system 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 Operating System (32 or 64-bit)
- DVD-ROM drive or Internet connection for installation
- DVI, HDMI, Mini-DisplayPort or VGA compatible monitor



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



*4- & 3- Screen Support only in Windows 8, Windows 7 and Windows Vista. Windows XP or earlier version will only support dual monitors.

**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.

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