



GAINWARD

Premium Brand of #1 NVIDIA Board Partner

Gainward GeForce GTX 690 4GB
<< The fastest graphics card on the planet >>

Specifications

Process Technology	28nm	Base Clock	915 MHz
Processor Cores	3072 cores	Boost Clock	1019 MHz
Memory Amount	4096MB	Memory Clock	3004 MHz
Memory Type	512b GDDR5	Memory Bandwidth	384.5 (GB/Sec)

Key Features

- Kepler architecture
- NVIDIA GPU Boost
- NVIDIA Adaptive Vertical Sync
- NVIDIA TXAA and FXAA technology
- Microsoft DirectX 11 with DirectCompute 5.0 support
- NVIDIA PhysX technology
- NVIDIA CUDA technology
- NVIDIA 3D Vision Ready
- NVIDIA Quad SLI Ready
- NVIDIA Surround
- PCI Express 3.0 support
- OpenGL 4.2 and OpenCL Support
- Support for four concurrent displays including:
 - DisplayPort 1.2
 - DVI *3 (dual-link)



Output Support



DVI *3, mini DisplayPort

Dimension

PCB: 280mm(L)x112mm(W)
Cooler :2 slot
Bracket: 2 slot

Accessory

1. Driver CD
2. Manual
3. Power cable



**FASTER PERFORMANCE
WITH GPU BOOST**

Fastest :

Experience the ultimate combination of dual-GPU power and advanced technologies like NVIDIA® GPU Boost and Quad NVIDIA SLI®, designed to deliver raw gaming performance

Smoothest:

Count on NVIDIA gaming innovations like new hardware-based frame metering, ultra-fast TXAA/FXAA antialiasing, and Adaptive Vertical Sync for an ultra-smooth gaming experience.



**SMOOTHER GAMEPLAY
WITH ADAPTIVE VSYNC**



**RICHER EXPERIENCE
WITH 3D VISION SURROUND**

Richest:

Crank up NVIDIA Surround™ multi-monitor gaming or NVIDIA 3D Vision® Surround technology with NVIDIA PhysX® in full 1080 HD on a single graphics card.

Minimum system requirements

Graphics card require:

- 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 48A)
- Microsoft Windows 7, Windows Vista

GW GTX690_bar code: 426018336-2661