

# GAINWARD

Premium Brand of #1 NVIDIA Board Partner

## Gainward GeForce GTX 970 4GB

### Specifications

Process Technology	28nm	Base Clock	1051 MHz
Processor Cores	1664 cores	Boost Clock	1178 MHz
Memory Amount	4096MB	Memory Clock	3500 MHz
Memory Type	256b GDDR5	Memory Bandwidth	224 (GB/Sec)

### Key Features

- Next generation NVIDIA Maxwell architecture
- NVIDIA GPU Boost 2.0
- NVIDIA Dynamic Super Resolution technology
- NVIDIA MFAA technology
- NVIDIA GameStream technology
- NVIDIA GameWorks technology
- NVIDIA SHIELD ready
- NVIDIA Adaptive Vertical Sync
- NVIDIA G-SYNC ready
- Microsoft DirectX 12 support
- NVIDIA PhysX technology
- NVIDIA CUDA technology
- NVIDIA 3D Vision and NVIDIA Surround ready
- NVIDIA 3-way SLI technology
- PCI Express 3.0 support
- OpenGL 4.5 and OpenCL support
- Support for four concurrent displays



### Output Support



HDMI : (max. resolution)  
4096x2160@60Hz  
miniDP \*2 : (max. resolution)  
4096x2160@60Hz  
DVI-I : (max. resolution)  
2560x1600@60Hz

### Dimension

Board: 247mm(L)x112mm(W)  
Cooler: 2 slot  
Bracket: 2 slot

### Accessory

1. Driver Disc
2. Manual
3. DVI to VGA dongle

4096MB



### Gainward Unique Features

#### ■ Gainward Superior Hardware Design

High quality components – DrMOS, solid capacitors and high quality Ferrite core chokes to ensure low energy loss, low EMI noise and longer lifespan

#### ■ Four display ports Design

Provides flexible configuration for multiple-monitor application. Those connectors located in-a-row leaves enough space on top for hot air to flow out. All connectors are metal-shielding for EMI shielding and dustproof.

#### ■ Expertool //



Gainward's Expertool II – the brand-new utility adds flexible fan curve control and BIOS saving feature for powerful GTX 970 card.

### Minimum system requirements

Graphics card require:

- PCI Express-compliant motherboard with one dual-width x16 graphics slot
- Two 6-pin PCI Express supplementary power connectors
- Minimum 500W or greater system power supply
- Microsoft Windows 8, 7, Windows Vista

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