



# GAINWARD

Premium Brand of #1 NVIDIA Board Partner

## Gainward GeForce GTX 660

### Specifications

|                    |            |                  |                |
|--------------------|------------|------------------|----------------|
| Process Technology | 28nm       | Base Clock       | 980 MHz        |
| Processor Cores    | 960 cores  | Boost Clock      | 1033 MHz       |
| Memory Amount      | 2048MB     | Memory Clock     | 3004 MHz       |
| Memory Type        | 192b GDDR5 | Memory Bandwidth | 144.2 (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 SLI Ready
- NVIDIA Surround
- PCI Express 3.0 support
- OpenGL 4.2 and OpenCL Support
- Support for four concurrent displays including:
  - DisplayPort 1.2
  - HDMI 1.4a
  - DVI \*2 (dual-link)



### Output Support



DVI-I, DVI-D, HDMI,  
DisplayPort

### Dimension

PCB: 180mm(L)x112mm(W)  
Cooler: 2 slot  
Bracket: 2 slot

### Accessory

1. Driver CD
2. Manual



### Gainward Unique Features

#### ■ Superior Hardware Design



Gainward's award winning high-performance/wide-bandwidth hardware design, provides highly reliable operation

#### ■ QuattroPorts



Four simultaneous displays on one single GeForce GTX 660 board.

#### ■ Expertool II



Gainward's newly released Expertool II – the brand-new utility to tap into this powerful GTX 660 card.

### Minimum system requirements

Graphics card require:

- PCI Express-compliant motherboard with one dual-width x16 graphics slot
- One 6-pin PCI Express supplementary power connector
- Minimum 450W or greater system power supply (with a minimum 12V current rating of 24A)
- Microsoft Windows 7, Windows Vista, Windows XP

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