



GAINWARD

Premium Brand of #1 NVIDIA Board Partner

GAINWARD GeForce GTX 1060 3GB PHOENIX

Specifications

Process Technology	16nm	Base Clock	1506 MHz
Processor Cores	1152 cores	Boost Clock	1708 MHz
Memory Amount	3GB	Memory Clock	4000 MHz
Memory Type	192b GDDR5	Memory Bandwidth	192 (GB/Sec)

Key Features

- NVIDIA Pascal architecture
- NVIDIA GPU Boost 3.0
- 16nm FinFET process
- NVIDIA Ansel technology
- Simultaneous Multi-Projection
- NVIDIA GameWorks technology
- NVIDIA VRWorks technology
- NVIDIA Adaptive Vertical Sync
- NVIDIA G-SYNC ready
- Microsoft DirectX 12 support
- NVIDIA PhysX technology
- Vulkan API support
- PCI Express 3.0 support
- OpenGL 4.5 and OpenCL support
- 1* Dual-link DVI, 1* HDMI (v2.0), 3* DisplayPort (v1.3/1.4 ready)



Output Support



HDMI : (max. resolution)
4096x2160@60Hz
DP *3 : (max. resolution)
4096x2160@60Hz
DVI-D : (max. resolution)
2560x1600@60Hz

Dimension

Board: 248mm(L)x123mm(W)
Cooler : 2.5 slot
Bracket: 2 slot

Accessory

1. Driver Disc
2. Manual
3. Power cable

PHOENIX



Gainward Unique Features



- ✓ Extreme silent acoustics in 3D heavy loading



- ✓ Extreme cool in 3D heavy loading

Expertool II



- ✓ Gainward's Expertool II – the brand-new utility adds flexible fan curve control and BIOS saving feature for powerful GeForce GTX 1060 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 400W or greater system power supply
- Microsoft Windows 10, 8, 7

GW GTX1060_3G_Phoenix_bar code: 426018336-3767



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PHOENIX



Gainward superior hardware design

Gainward re-designs the entire hardware, that brings higher stability under high current operation (heavy loading operation).

DrMOS

DrMOS is designed to handle high current with low noise operation and less heat generating.

Dual BIOS (1: default, 2: backup)

Gainward provides two VBIOS for GeForce GTX 1060 Phoenix board. Factory default VBIOS is set on position 1 of the "dual BIOS switch". Users can over-clocking the Phoenix board with confidence thanks to the "backup BIOS" in the second VBIOS with position 2 of the "dual BIOS switch" whenever you need.

Extreme silent acoustics in heavy loading mode

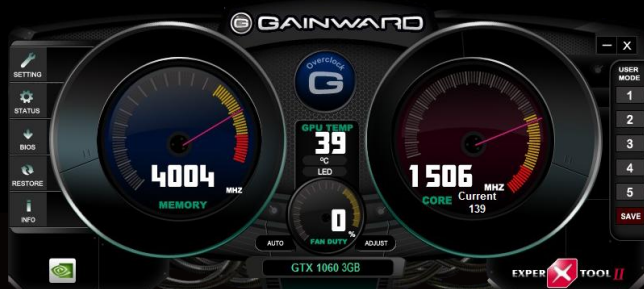
Gainward GeForce GTX 1060 Phoenix gets much quieter than founders edition board under full load operation.

Extreme cool temperature in heavy loading mode

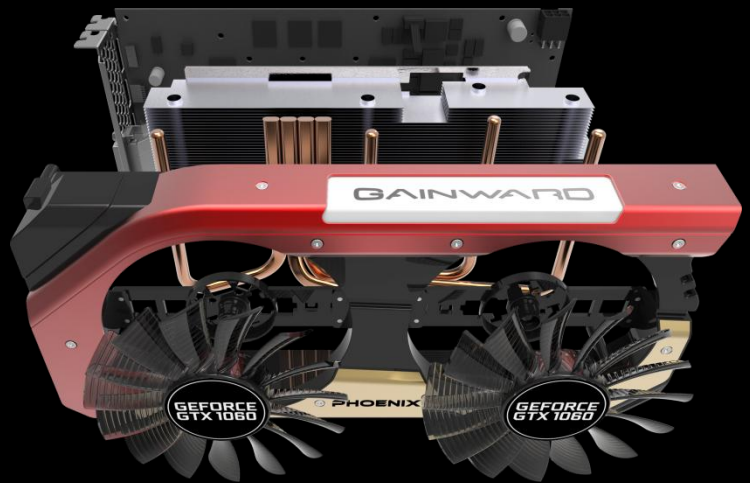
Gainward GeForce GTX 1060 Phoenix performs extremely lower GPU temperature than founders edition board under full load operation.

Expertool II

Gainward's Expertool II – the brand-new utility adds flexible fan curve control and BIOS saving feature for powerful GeForce GTX 1060 card.



New PHOENIX cooler with ZERO RPM fan design



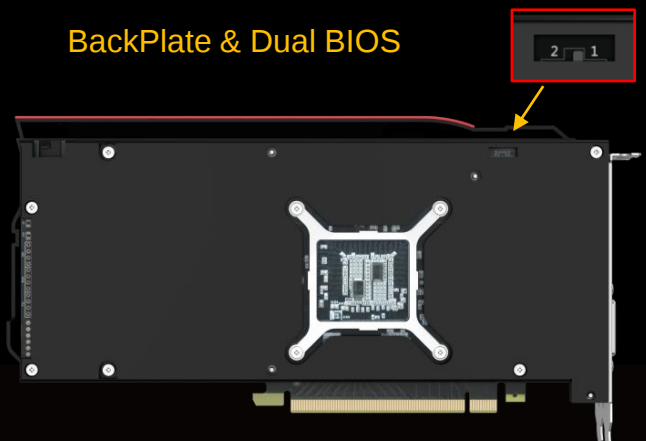
"Honeycomb" shape bracket



LED-Lighting Loading Indicator



BackPlate & Dual BIOS



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