

# GAINWARD PHANTOM

## GeForce RTX 4070 Ti Phantom REUNION



### Key Features

- GDDR6X Graphics Memory
- Dedicated Ray Tracing Cores
- Dedicated Tensor Cores
- NVIDIA DLSS 3
- NVIDIA® GeForce Experience™
- NVIDIA Broadcast
- NVIDIA G-SYNC®
- NVIDIA GPU Boost™
- Game Ready and NVIDIA Studio Drivers
- Microsoft DirectX® 12 Ultimate
- Vulkan RT APIs, Vulkan 1.3, OpenGL 4.6
- DisplayPort 1.4a, up to 4K at 240Hz or 8K at 60Hz with DSC, HDR
- As specified in HDMI 2.1a: up to 4K 240Hz or 8K 60Hz with DSC, Gaming VRR, HDR
- HDCP 2.3
- PCI Express® Gen 4



GAINWARD's superior hardware design is devoted to the highest stability under extreme heavy loading operation.



**GEFORCE  
RTX**

### Specifications

|             |          |                |                 |
|-------------|----------|----------------|-----------------|
| CUDA Cores  | 7680     | DRAM Amount    | 12 GB           |
| Base Clock  | 2310 MHz | DRAM Type      | 192 bits GDDR6X |
| Boost Clock | 2610 MHz | DRAM Clock     | 10500 MHz       |
| TGP         | 285 W    | DRAM Bandwidth | 504 GB/s        |

GW GeForce RTX 4070 Ti Phantom Reunion \_ bar code: 471056224-3543 \_ P/N: NED407T019K9-1046P

### Output Info (Max resolution)

HDMI 2.1a \* 1: 7680 x 4320 @ 60Hz  
DP 1.4a \* 3: 7680 x 4320 @ 60Hz



### Dimensions

Board: 313.9 x 137.0 x 59.7 mm  
Cooler : 2.9 slot  
Bracket: 2 slot

### Accessory

- Power Cable
- ARGB SYNC Cable
- VGA Holder

### Minimum System Requirements

- PCI Express-compliant motherboard with one dual-width x16 graphics slot
- Microsoft Windows® 11, Windows® 10 64-bit, Linux 64-bit
- Recommend 750W or greater system power supply
- One 16-pin PCIe 12VHPWR or two 8-pin supplementary power connectors

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## Extreme silent acoustics in heavy loading mode

GAINWARD GeForce RTX 4070 Ti Phantom Reunion with factory OC runs extremely quiet and cool under crazy heavy loading, thanks to new cooling design.



Expertool II – The whole new design utility adds flexible fan curve control, RGB Lighting control and BIOS saving feature for RTX 4070 Ti Phantom Reunion.



## AUTO ARGB SYNC

No more hassles. Plug the cable in, enjoy the light symphony!

Offering great compatibility, the Auto Sync technology enables the GAINWARD graphics card to shine in unity with other ARGB-supported PC parts. Best of all, just plug in a single cable, the ARGB lighting can be synchronized at once without any software setting.



## ARGB Lighting

Addressable RGB allows gamers to customize each LED color. You can personalize the lighting effects with Expertool Utility



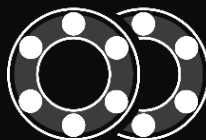
## ZERO RPM

The fans keep stop rotation while you are experiencing the multimedia application or general workload. The fans start rotation while working on heavier loading such as gaming that the GPU temperature surpasses 60°C



## U-Type Heat Pipe

The heat pipes are specially formed into a double-U shape to enlarge the heat dissipation area. The efficiency of heat transfer is much higher than traditional heat pipe design.



## 2-Ball Bearing - long life span

- IP5X dust resistant
- Lower fan vibration
- Prolonged fan life expectancy



## Metal Plate Kit

Two die casting molded plates fully cover the circuit board and directly attach to all the hot spots on PCB.

- Strong-as-armor protection
- Optimized heat dissipation

The special design of plates also provides best airflow for the third fan in order to achieve the best cooling efficiency.

## DrMOS

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



## Dual BIOS

1: Performance mode  
(factory setting)

2: Silence mode

GAINWARD provides two VBIOS for GeForce RTX 4070 Ti Phantom Reunion.

The "Performance mode" VBIOS is set on position #1 of the "dual BIOS switch". It provides higher performance setting of the board. Users can switch to second VBIOS on position #2 - the "Silence mode". It provides quieter setting for the board to offer the quietest gaming experience.