

**GIGABYTE™**

**CHALLENGE  
YOUR LIMITS**

**GV-RX460WF20C-2GD**

Sales Kit





# Radeon™ RX460 WINDFORCE OC 2G

GV-RX460WF2OC-2GD



## Features

Powered by Radeon RX460  
Integrated with 2GB GDDR5 128bit memory  
WINDFORCE 2X with Blade Fan Design  
Support Full UHD HEVC Encode and Decode

## Core Clock

Boost: MHz/ Base: MHz in OC Mode  
Boost: MHz/ Base: MHz in Gaming





# Radeon™ RX460 WINDFORCE OC 2G

- Polaris architecture delivers a superior cool and quiet gaming experience
- Supports up to UltraHD
- Outstanding performance for Virtual Reality gaming

## Cooling

- WINDFORCE 2X cooling system includes two 80mm fans
- 3D Active Fan provides semi-passive cooling

## Performance

- One-click super overclocking

## Durability

- Built for OverClocking with 4+1 power phases
- Ultra durable materials

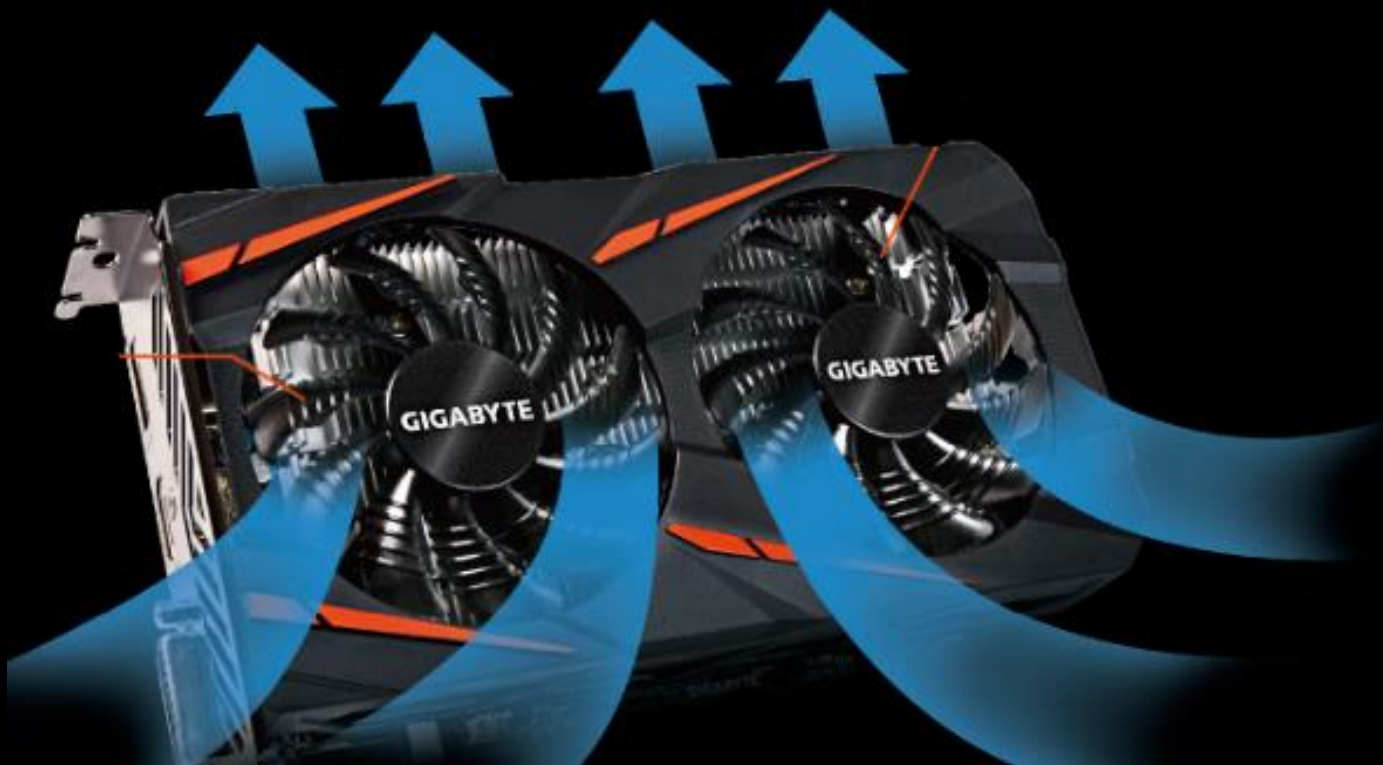
## Friendly

- Intuitive XTREME Engine



## WINDFORCE 2X Cooling System

- Two 80mm fans
- Unique blade fan design
- 3D Active Fan provides semi-passive cooling



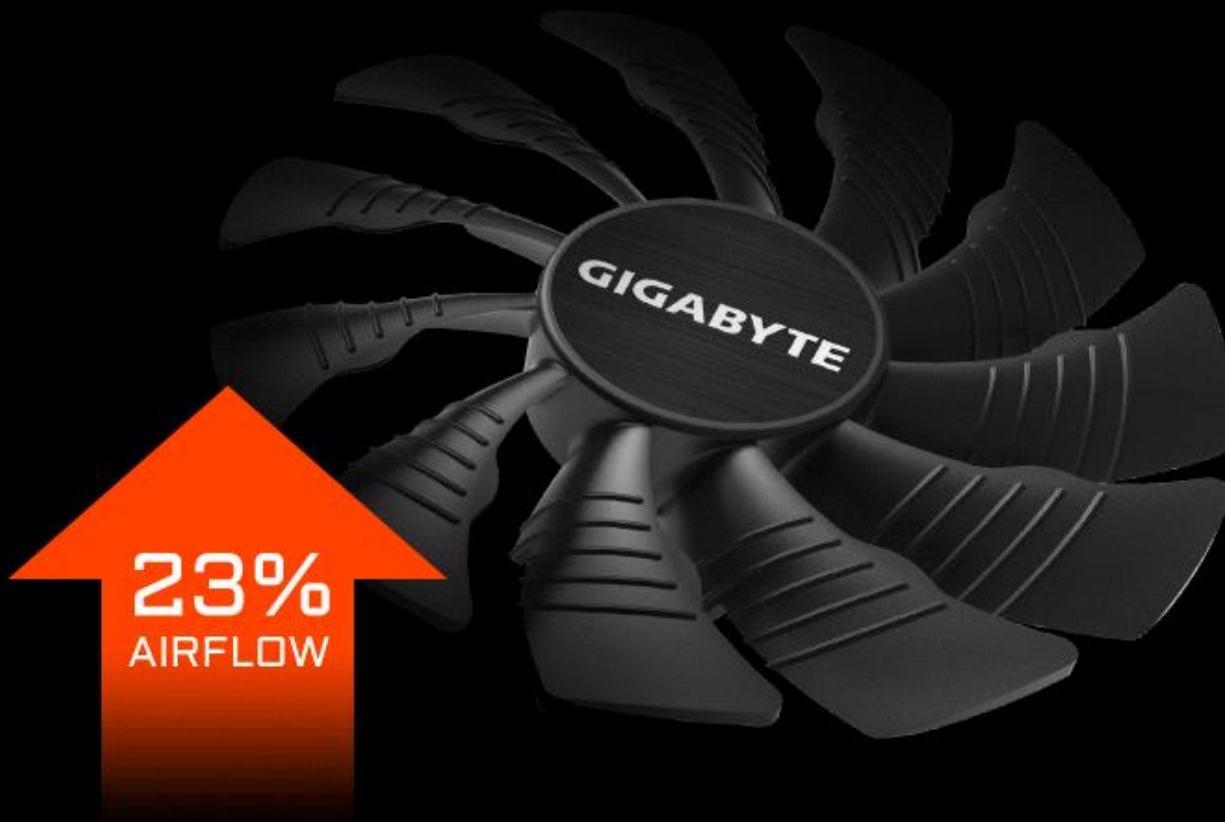


## WINDFORCE 2X Cooling System- Fans

Date: 2016/7/

### Unique Blade Fan Design

The airflow is spilt by the triangle fan edge, and guided smoothly through the 3D stripe curve on the fan surface, effectively enhancing the air flow by **23%** over traditional fans.





## WINDFORCE 2X Cooling System- Fans

### 3D Active Fan

The semi-passive fans will remain off when the GPU is under a set loading or temperature for low power gaming. It allows gamers to enjoy gameplay in complete silence when the system is running light or idle.





## Performance

### One-click Super overclocking

With a simple click on XTREME engine utility, gamers can easily tune the card to meet their various gaming requirements without any overclocking knowledge, while saving the hassle of manual adjustment.





## Durability



### Built for OverClocking with 4+1 power phases

Compared to reference design, the 4+1 power phases on the card make the MOSFET working at a lower temperature and provide more stable voltage output. (\*reference design 3+1)

### Ultra Durable Components

Engineered with the highest-grade chokes and capacitors, this graphic card delivers outstanding performance and durable system lifespan.



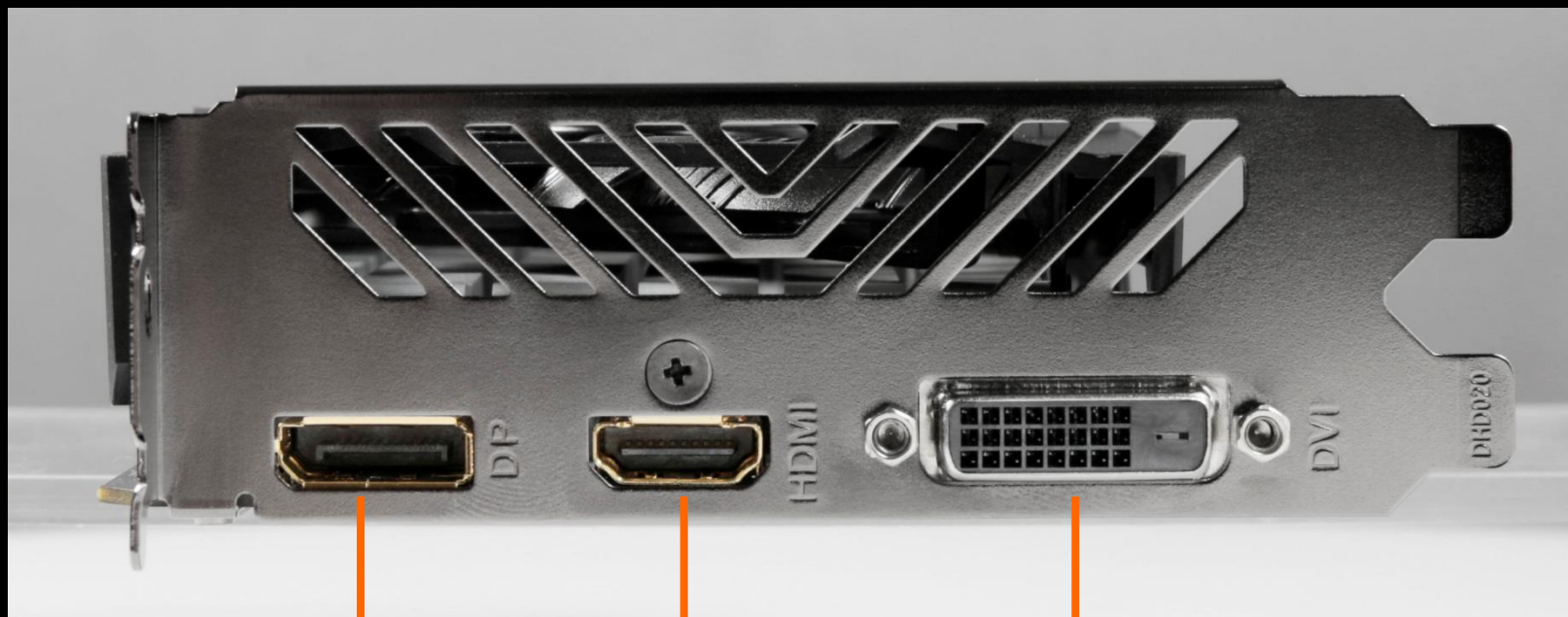


## Intuitive XTREME Engine Utility

Adjust clock speeds, voltage, fan performance, power target, OSD setting can be monitored and tuned in real-time according to your own preference through this intuitive interface.

The screenshot displays the GIGABYTE XTREME Engine Utility interface. At the top, there are navigation tabs for HOME, OC, FAN, LED, and OSD. The main area is divided into several sections:

- GPU Settings:** Includes sliders for GPU BASE CLOCK (1000 MHz), GPU VOLTAGE (1.125 mV), and POWER TARGET (878). Below these are two circular gauges showing 1000 / 1000 MHz and 7000 MHz, and another two showing 1.125 mV and 1.125 mV.
- Memory Settings:** Includes a slider for MEMORY CLOCK (07000) and MEMORY VOLTAGE.
- Mode Selection:** A central panel offers EASY and ADVANCED settings. Under EASY, there are buttons for DC MODE, GAMING MODE, and ECO. Under ADVANCED, there are buttons for GPU BASIC SETTING (1.125), TURBO, AUTO, and SILENT.
- Advanced Settings:** A separate panel shows DUTY % and MANUAL SETTING options.
- Monitoring:** A graph on the right shows WORKLOAD(%) on the y-axis (0 to 100) and TEMPERATURE(°C) on the x-axis (0 to 100). The graph shows a sharp increase in workload as temperature rises. A 3D ACTIVE FAN control is also visible, set to OFF.



Display Port-1.4 \*1

HDMI-2.0b\*1

Dual-link DVI-D



## SPEC

Performance	
Graphics Processing	Radeon RX 460
Core Clock	Boost: MHz/ Base: MHz in OC Mode Boost: MHz/ Base: MHz in Gaming Mode
Process Technology	14 nm
Memory	
Memory Clock	7000 MHz
Memory Size	2 GB
Memory Type	GDDR5
Memory Bus	128 bit
Interface	
Card Bus	PCI-E 3.0
Output	Dual-link DVI-D *1 HDMI-2.0b*1 (Max Resolution: 4096x2160 @60 Hz) Display Port-1.4 *1 (Max Resolution: 7680x4320 @60 Hz)
Display Resolution	
Max Digital Resolution	7680x4320 @60Hz
Multi-view/ Max Display	3
Dimension	
Card size	H=37 L=191 W=111 mm
PCB Form	ATX
Support	
DirectX Support	DirectX 12
OpenGL Support	OpenGL 4.5
Requirements	
Recommended PSU	350W