



## Graphics Card

**GIGABYTE**

**NVIDIA GeForce**

**RTX 3050 6 GB**

**GDDR6 96 bit**

**PCIE 4.0 16x**

**Memory 14000**

**MHz GPU 1477**

**MHz 2xHDMI**

**2xDisplayPort**

**GV-**

**N3050WF2OCV2-  
6GD**

Model: GV-N3050WF2OCV2-6GD

Manufacturer: GIGABYTE

EAN: 4719331355081

Product Code: 14531

**R5,257**

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.



## KEY FEATURE

NVIDIA Ampere Streaming Multiprocessors

2nd Generation RT Cores

3rd Generation Tensor Cores

Powered by GeForce RTX™ 3050

Integrated with 6GB GDDR6 96-bit memory interface

WINDFORCE cooling system

## WINDFORCE COOLING SYSTEM

The WINDFORCE cooling system features two unique blade fans, alternate spinning and 3D active fan, which together provide high efficiency heat dissipation.

## ALTERNATE SPINNING

Reduce the turbulence of adjacent fans and increase air pressure. GIGABYTE turns the adjacent fans in the opposite direction, so that the airflow direction between the two fans is the same, reducing the turbulence and enhancing the airflow pressure.

## UNIQUE BLADE FAN

The airflow is split by the triangular fan edge, and guided smoothly through the 3D stripe curve on the fan surface, effectively enhancing the airflow.

## 3D ACTIVE FAN

The 3D Active Fan provides semi-passive cooling, and the fans will remain off when the GPU is in a low load or low power game. It allows gamers to enjoy gameplay in complete silence when the system is running light or idle.

## GRAPHENE NANO LUBRICANT

Graphene nano lubricant can extend the life of sleeve bearing fan by 2.1 times, close to the life of double ball bearing, and is quieter.

## ULTRA DURABLE

### ULTRA COOLING

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Lower RDS(on) MOSFETs are specially designed to produce lower switching resistance for faster electric current charging and discharging at extremely low temperature.

## LOW POWER LOSS

Metal Choke hold energy much longer than common iron-core chokes at high frequency, thus effectively reduce core energy loss and EMI interference.

## LONGER LIFE

Lower ESR Solid Capacitors ensure better electronic conductivity for excellent system performance and longer lifespan.

## FRIENDLY PCB DESIGN

Fully automated production process ensures top quality of the circuit boards and eliminates sharp protrusions of the solder connectors seen on the conventional PCB surface. This friendly design prevents your hands from getting cut or inadvertently damaging components when making your build.

## GIGABYTE CONTROL CENTER

GIGABYTE CONTROL CENTER (GCC) is a unified software for all GIGABYTE supported products. It provides an intuitive interface that allows users to adjust clock speed, voltage, fan mode and power target in real-time.

Summary: GIGABYTE GeForce RTX 3050 WINDFORCE OC V2 6G. Graphics processor family: NVIDIA, Graphics processor: GeForce RTX 3050, Processor frequency: 1477 MHz. Discrete graphics card memory: 6 GB, Graphics card memory type: GDDR6, Memory bus: 96 bit, Memory clock speed: 14000 MHz. Maximum resolution: 7680 x 4320 pixels. DirectX version: 12 Ultimate, OpenGL version: 4.6. Interface type: PCI Express 4.0. Cooling type: Active, Number of fans: 2 fan(s) | Vendor Homepage: <https://www.gigabyte.com/us/Graphics-Card/GV-N3050WF2OCV2-6GD#kf> | CUDA: Yes | CUDA cores: 2304 | Graphics processor: GeForce RTX 3050 | Graphics processor family: NVIDIA | Maximum displays per videocard: 4 | Maximum resolution: 7680 x 4320 | Parallel processing technology support: Not supported | Processor frequency: 1477 | Discrete graphics card memory: 6 | Graphics card memory type: GDDR6 | Memory bus: 96 | Memory clock speed: 14000 | DisplayPort version: 1.4 | DisplayPorts quantity: 2 | HDMI ports quantity: 2 | HDMI version: 2.1 | Interface type: PCI Express 4.0 | DirectX version: 12 Ultimate | NVIDIA G-SYNC: Yes | OpenGL version: 4.6 | TV tuner

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integrated: No | Cooling technology: GIGABYTE WINDFORCE 2X | Cooling type: Active | Form factor: Full-Height/Half-Length (FH/HL) | Number of fans: 2 | Product colour: Black/Silver | Minimum system power supply: 300 | Windows operating systems supported: Windows 10 x64/Windows 11 x64 | Depth: 111 | Height: 36 | Length: 191 | Package type: Box | User guide: Yes | Units per Shipping Box: 10 | Unit Calculated Volume: 0.008167 | Product Net Weight: 1.1 | Unit Calculated Weight: 1.46

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