

Gigabyte GAMING GeForce RTX 3060 OC



Artikel
Herstellernummer
EAN
Gigabyte

132949
GV-N3060GAMING OC-8GD
4719331311957

WINDFORCE 2X COOLING SYSTEM

The WINDFORCE 2X cooling system features two 90mm unique blade fans, alternate spinning, 3 composite copper heat pipes direct touch GPU, 3D active fan and Screen cooling, which together provide high efficiency heat dissipation.

ALTERNATE SPINNING

The GIGABYTE "Alternate Spinning" is the only solution that can solve the turbulent airflow of adjacent fans. Since the adjacent fans rotate in the same direction, the airflow direction is opposite between the fans, which will cause turbulent airflow and reduce heat dissipation efficiency. 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.

HEAT PIPES DIRECT TOUCH

The shape of the pure copper heat pipe maximizes the direct contact area with the GPU, enhancing heat transfer. The heat pipe also covers the VRAM through a large metal plate contact to ensure proper cooling.

GRAPHENE NANO LUBRICANT

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

SCREEN COOLING

Extended heatsink design allows air flow to pass through, providing better heat dissipation.

BUILT STRONG

TINY SIZE WITH MIGHTY PERFORMANCE.

For gamers who prefer a small build with powerful performance, GIGABYTE delivers a compact graphics card with less than 200mm in length. The card provides mighty performance and is easy to install in any small chassis as well.

EXTREME DURABILITY & OVERCLOCKING

The graphics card uses the better power phase design to allow the MOSFET to operate at lower temperature, and over-temperature protection design and load balancing for each MOSFET, plus the Ultra Durable certified chokes and capacitors, to provide excellent performance and longer system life.

PROTECTION BACK PLATE

The back plate not only provides an aesthetical shape, but also enhances the structure of the graphics card to provide complete protection.

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.

Zusammenfassung

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Gigabyte GAMING GeForce RTX 3060 OC, GeForce RTX 3060, 8 GB, GDDR6, 128 bit, 7680 x 4320 pixels, PCI Express 4.0

Gigabyte GAMING GeForce RTX 3060 OC. Graphics processor family: NVIDIA, Graphics processor: GeForce RTX 3060, Processor frequency: 1807 MHz. Discrete graphics card memory: 8 GB, Graphics card memory type: GDDR6, Memory bus: 128 bit, Memory

clock speed: 15000 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)

Merkmale

Packaging content

Quick installation guide	Yes
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Power

Minimum system power supply	550 W
Supplementary power connectors	1x 8-pin

Weight & dimensions

Depth	198 mm
Height	39 mm
Width	121 mm

Performance

TV tuner integrated	No
DirectX version	12 Ultimate
OpenGL version	4.6
Dual Link DVI	No

Design

Cooling type	Active
Cooling technology	GIGABYTE WINDFORCE 2X
Number of fans	2 fan(s)
Fan diameter	9 cm
Number of slots	2

Memory

Discrete graphics card memory	8 GB
Graphics card memory type	GDDR6
Memory bus	128 bit
Memory clock speed	15000 MHz
Memory bandwidth (max)	240 GB/s

Ports & interfaces

Interface type	PCI Express 4.0
HDMI ports quantity	2
HDMI version	2.1
DisplayPorts quantity	2
DisplayPort version	1.4a

Processor

CUDA	Yes
CUDA cores	3584
Graphics processor family	NVIDIA
Graphics processor	GeForce RTX 3060
Processor frequency	1807 MHz
Processor frequency (OC mode)	1777 MHz
Maximum resolution	7680 x 4320 pixels
Maximum displays per videocard	4

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.