

# Gigabyte AORUS GeForce RTX 4060 ELITE 8G

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Artikel	131625
Herstellernummer	GV-N4060AORUS E-8GD
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Gigabyte	

## WINDFORCE COOLING SYSTEM THE EVOLVING POWER OF WINDFORCE

The WINDFORCE cooling system features three 90mm unique blade fans, alternate spinning, composite copper heat pipes that directly touch the GPU, 3D active fans and Screen cooling, which together provide high efficiency heat dissipation.

### COOLING, UPSCALED.

#### UNIQUE BLADE FAN

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

#### 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.

#### DIRECTLY. SO FAST.

Optimized Thermal Module

The pure copper heat pipe makes direct contact with the GPU to facilitate enhanced heat transfer to the heatsink, optimizing the cooling efficiency of the graphics card.

### THE OTHER WAY AROUND.

#### ALTERNATE SPINNING

Each fan rotates in different direction to the adjacent one. This special mechanism reduces turbulence and increases air pressure by minimizing the offset occurred between airflows.

#### 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.

### MAKE ROOM FOR THE AIRFLOW.

#### SCREEN COOLING

To create more space for airflow to pass through, the heatsink extends over the PCB and therefore increase the ventilation. This Screen Cooling design provides better heat dissipation.

#### RGB FUSION

The legendary three-ring lighting provides excellent visual enjoyment. You can choose any lighting effect or synchronize with other devices in GIGABYTE CONTROL CENTER.

#### DUAL BIOS

The factory default setting is OC mode, which provides users with the best performance. However, switching to silent mode will enjoy a quieter experience.

#### **PROTECTION METAL BACK PLATE**

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

#### **POWER INDICATOR**

When experiencing any power supply abnormality, the indicator will alert gamers by flashing light.

#### **PCB COATING**

Dust resistant - shields from dust, insects, dropped screws, drill shavings, and abrasion.

Moisture resistant - prevents unwanted conduction paths and board damage.

Corrosion resistant - protects from salt spray, humidity, and corrosion.

#### **EXTREME OVERCLOCKING**

The graphics card features excellent power phase design to allow the MOSFETs to operate at lower temperatures and provide a more stable voltage output. Load balancing of each MOSFET can effectively improve the overclocking performance and extend the life of the card.

#### **ULTRA DURABLE**

#### **ULTRA COOLING**

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.

#### **4-YEAR WARRANTY**

We want you to experience the best service you have ever had. This is why, on top of our standard 3-year warranty, we would like to offer you an additional 1 year of protection to your graphics card free of charge. You can enjoy a 4-year warranty by registering on the website within 30 days of purchase.

#### **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.

## **Zusammenfassung**

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Gigabyte AORUS GeForce RTX 4060 ELITE 8G, GeForce RTX 4060, 8 GB, GDDR6, 128 bit, 7680 x 4320 pixels, PCI Express 4.0

Gigabyte AORUS GeForce RTX 4060 ELITE 8G. Graphics processor family: NVIDIA, Graphics processor: GeForce RTX 4060. Discrete graphics card memory: 8 GB, Graphics card memory type: GDDR6, Memory bus: 128 bit. 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: 3 fan(s)

## Merkmale

### Packaging content

Quick installation guide	Y
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### Packaging data

Package type	Box
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### Power

Minimum system power supply	450 W
Supplementary power connectors	1x 8-pin

### Weight & dimensions

Depth	299 mm
Height	56 mm
Width	128 mm

### Design

Cooling type	Active
Number of fans	3 fan(s)
Form factor	Full-Height/Full-Length (FH/FL)
Product colour	Black

### Memory

Discrete graphics card memory	8 GB
Graphics card memory type	GDDR6
Memory bus	128 bit
Data transfer rate	17 Gbit/s

### Performance

TV tuner integrated	N
DirectX version	12 Ultimate
OpenGL version	4.6
HDCP	Y
Dual Link DVI	N

### Ports & interfaces

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

### Processor

CUDA	Y
CUDA cores	3072
Graphics processor family	NVIDIA
Graphics processor	GeForce RTX 4060
Processor boost clock speed	2640 MHz
Maximum resolution	7680 x 4320 pixels
Parallel processing technology support	Not supported
Maximum displays per videocard	4

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