

# GIGABYTE GeForce RTX 4060 Ti WINDFORCE OC

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**Artikel**  
**Herstellernummer**  
**EAN**  
GIGABYTE

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## **Ray Tracing**

### **Hyperrealistic. Hyperfast.**

The Ada architecture unleashes the full glory of ray tracing, which simulates how light behaves in the real world. With the power of RTX 40 Series and third-gen RT Cores, you can experience incredibly detailed virtual worlds like never before.

## **NVIDIA DLSS 3**

### **The performance multiplier, powered by AI.**

DLSS is a revolutionary breakthrough in AI-powered graphics that massively boosts performance. Powered by the new fourth-gen Tensor Cores and Optical Flow Accelerator on GeForce RTX 40 Series GPUs, DLSS 3 uses AI to create additional high-quality frames.

## **NVIDIA Reflex**

### **Victory measured in milliseconds.**

NVIDIA Reflex and GeForce RTX 40 Series GPUs deliver the lowest latency and best responsiveness for the ultimate competitive advantage. Built to optimize and measure system latency, Reflex provides faster target acquisition, quicker reaction times, and the best aim precision for competitive games.

## **NVIDIA Studio**

### **Your ideas, accelerated by NVIDIA Studio.**

Take your creative projects to the next level with NVIDIA Studio. Powered by new dedicated hardware, RTX 40 Series unlocks unmatched performance in 3D rendering, video editing, and graphic design. Experience feature-rich RTX accelerations in top creative apps, world-class NVIDIA Studio drivers engineered to provide maximum stability, and a suite of exclusive tools that harness the power of RTX for AI-assisted creative workflows.

## **WINDFORCE COOLING SYSTEM**

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

## **ALTERNATE SPINNING**

Reduce the turbulence of adjacent fans and increase airflow pressure.

## **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.

## **UNIQUE BLADE FAN**

The airflow is spilt 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 sleeve bearing fan by 2.1 times, close to the life of double ball bearing, and is quieter.

## SCREEN COOLING

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

## HEAT PIPES DIRECT TOUCH

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

## 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.

## ULTRA DURABLE

Ultra Durable certified highest-grade metal chokes, lower ESR solid capacitors, 2oz copper PCB, and lower RDS(on) MOSFETs, plus over-temperature design to deliver superior performance and longer system life.

## 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.

# Zusammenfassung

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GIGABYTE GeForce RTX 4060 Ti WINDFORCE OC, GeForce RTX 4060 Ti, 8 GB, GDDR6, 128 bit, 7680 x 4320 pixels, PCI Express 4.0

GIGABYTE GeForce RTX 4060 Ti WINDFORCE OC. Graphics processor family: NVIDIA, Graphics processor: GeForce RTX 4060 Ti. 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: 2 fan(s)

Merkmale

		Memory	
Packaging content		Discrete graphics card memory	8 GB
User guide	Yes	Graphics card memory type	GDDR6
		Memory bus	128 bit
		Number of pipelines	3
		Data transfer rate	18 Gbit/s
Packaging data		Performance	
Package type	Box	TV tuner integrated	No
		DirectX version	12 Ultimate
System requirements		OpenGL version	4.6
Windows operating systems supported	Windows 10 x64, Windows 11 x64	Dual Link DVI	No
		NVIDIA G-SYNC	Yes
Power		Ports & interfaces	
Minimum system power supply	500 W	Interface type	PCI Express 4.0
Supplementary power connectors	1x 8-pin	HDMI ports quantity	2
		HDMI version	2.1a
		DisplayPorts quantity	2
		DisplayPort version	1.4a

Weight & dimensions

Length	201 mm
Depth	41 mm
Height	120 mm

Design

Cooling type	Active
Cooling technology	GIGABYTE WINDFORCE 2X
Number of fans	2 fan(s)
Fan diameter	9 cm
Form factor	Full-Height/Half-Length (FH/HL)
Product colour	Black

Processor

CUDA	Yes
CUDA cores	4352
Graphics processor family	NVIDIA
Graphics processor	GeForce RTX 4060 Ti
Processor frequency (OC mode)	2550 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.