

# ASUS Prime -RTX5050-O8G

---

<b>Artikel</b>	21296591
<b>Herstellernummer</b>	90YV0N70-M0NA00
<b>EAN</b>	4711636177382
ASUS	

## **Primed for Power**

Experience Primal performance with the Prime GeForce RTX 5050, an SFF-Ready Enthusiast GeForce Card featuring a 2.5-slot design for expansive compatibility, enhanced by a triple-fan setup for supreme airflow design for supreme cooling.

## **Build Small. Play Big.**

You can pack high performance into a smaller footprint with this SFF-Ready Enthusiast GeForce card. Look for cases that are compatible with SFF-Ready Enthusiast GeForce Cards to get a sure fit and streamline your PC build.

## Cooling

### **2.5-slot Design**

The Prime RTX 5050 features a 2.5 slot design with a carefully arranged layout for the shroud, heatsink and heat pipes to let the three Axial-tech fans leverage chassis side-panel ventilation and deliver optimal thermal performance.

### **Axial-tech Upgrades**

Three tried-and-true Axial-tech fans feature a smaller hub that facilitates longer blades and a barrier ring to increase downward air pressure for lower temperatures, less noise and higher performance.

### **0dB Technology**

All three fans come to a standstill when GPU temperatures are below 50°C, letting you play less demanding games or perform light tasks in relative silence. Fans start up again when temperatures are over 55°C, establishing a speed curve that balances performance and acoustics for work or play.

### **Dual Ball Fan Bearings**

Different bearing types have unique pros and cons. Dual-ball bearings excel at durability and can last up to twice as long as sleeve bearing designs.

### **Vented Backplate**

Large backplate vents significantly enhance heat dissipation, helping to keep the GPU cooler during intense tasks. This additional airflow helps ensure optimal temperatures, boosting performance, longevity and stability by defending against overheating and thermal throttling.

### **MaxContact Design**

MaxContact is a special ASUS manufacturing process that effectively expands the surface area of the heat spreader that sits atop the GPU by 5%, compared to traditional designs. This improves temperatures by up to 2°C, in concert with an extensive heatsink array and powerful Axial-tech fans.

## Zusammenfassung

---

### **Primed for Power**

Experience Primal performance with the Prime GeForce RTX 5050, an SFF-Ready Enthusiast GeForce Card featuring a 2.5-slot design for expansive compatibility, enhanced by a triple-fan setup for supreme airflow design for supreme cooling.

### **Build Small. Play Big.**

You can pack high performance into a smaller footprint with this SFF-Ready Enthusiast GeForce card. Look for cases that are compatible with SFF-Ready Enthusiast GeForce Cards to get a sure fit and streamline your PC build.

## Cooling

### **2.5-slot Design**

The Prime RTX 5050 features a 2.5 slot design with a carefully arranged layout for the shroud, heatsink and heat pipes to let the three Axial-tech fans leverage chassis side-panel ventilation and deliver optimal thermal performance.

### Axial-tech Upgrades

Three tried-and-true Axial-tech fans feature a smaller hub that facilitates longer blades and a barrier ring to increase downward air pressure for lower temperatures, less noise and higher performance.

### 0dB Technology

All three fans come to a standstill when GPU temperatures are below 50°C, letting you play less demanding games or perform light tasks in relative silence. Fans start up again when temperatures are over 55°C, establishing a speed curve that balances performance and acoustics for work or play.

### Dual Ball Fan Bearings

Different bearing types have unique pros and cons. Dual-ball bearings excel at durability and can last up to twice as long as sleeve bearing designs.

### Vented Backplate

Large backplate vents significantly enhance heat dissipation, helping to keep the GPU cooler during intense tasks. This additional airflow helps ensure optimal temperatures, boosting performance, longevity and stability by defending against overheating and thermal throttling.

### MaxContact Design

MaxContact is a special ASUS manufacturing process that effectively expands the surface area of the heat spreader that sits atop the GPU by 5%, compared to traditional designs. This improves temperatures by up to 2°C, in concert with an extensive heatsink array and powerful Axial-tech fans.

ASUS Prime -RTX5050-O8G, GeForce RTX 5050, 8 GB, GDDR6, 128 bit, 7680 x 4320 pixels, PCI Express 5.0

ASUS Prime -RTX5050-O8G. Graphics processor family: NVIDIA, Graphics processor: GeForce RTX 5050. Discrete graphics card memory: 8 GB, Graphics card memory type: GDDR6, Memory bus: 128 bit. Maximum resolution: 7680 x 4320 pixels. OpenGL version: 4.6. Interface type: PCI Express 5.0. Cooling type: Active, Number of fans: 3 fan(s)

## Merkmale

### Packaging content

Manual	Yes
--------	-----

### Power

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

### Memory

Discrete graphics card memory	8 GB
Graphics card memory type	GDDR6
Memory bus	128 bit
Data transfer rate	20 Gbit/s

### Weight & dimensions

Weight	766 g
Length	268.3 mm
Depth	50 mm
Height	120 mm

### Ports & interfaces

Interface type	PCI Express 5.0
HDMI ports quantity	1
HDMI version	2.1b
DisplayPorts quantity	3
DisplayPort version	2.1b

### Design

Cooling type	Active
Cooling technology	ASUS Axial-tech
Number of fans	3 fan(s)
Number of slots	2.5
SFF ready	Yes
Product colour	Black

### Performance

TV tuner integrated	No
OpenGL version	4.6
HDCP	Yes
HDCP version	2.3
Dual Link DVI	No
NPU performance up to Overclocked (OC) edition	439 TOPs Yes

## Packaging data

Package width	405 mm
Package depth	233 mm
Package height	88.5 mm
Package weight	1.41 kg
Package type	Box

## Processor

CUDA	Yes
CUDA cores	2560
Graphics processor family	NVIDIA
Graphics processor	GeForce RTX 5050
Processor boost clock speed	2677 MHz
Processor frequency (OC mode)	2707 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.