



**Graphics Card**  
**ASUS NVIDIA**  
**GeForce RTX**  
**3050 6 GB**  
**GDDR6 96 bit**  
**PCIE 4.0 16x**  
**Dual Slot**  
**Fansink 1xDVI-D**  
**1xHDMI**  
**1xDisplayPort**  
**DUAL-RTX3050-**  
**O6G**

Model: DUAL-RTX3050-O6G

Manufacturer: ASUS

EAN: 4711387470633

Product Code: 14530

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**R5,177**

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## **2x Fans. 2x Fun.**

Featuring the latest NVIDIA® Ampere architecture, ASUS Dual GeForce RTX™ 3050 6G fuses dynamic thermal performance with broad compatibility. Advanced cooling solutions from flagship graphics cards are packed into the 20 cm long, 2-slot card, delivering more power in less space. These enhancements make ASUS Dual the perfect choice for gamers who want heavyweight graphics performance in a compact build.

## COOLING

### IP5X Dust Resistance

#### **Keep it clean**

Dust is enemy number one for fans. It's easy to clean the blades, but taking the fan apart to remove dust that has made its way inside is not a simple task. Passing the IP5X certification means the housing is safe from nasty particulates, so you'll never need that deep clean.

### 2-slot Design

#### **Sink your heat into this**

A carefully designed shroud, heatsink, and heatpipe layout allows the two fans to leverage chassis side-panel ventilation and deliver thermal performance that belies the card's size.

## ENGINEERING

### Auto-Extreme Technology

#### **Precision automated manufacturing**

Auto-Extreme Technology is an automated manufacturing process that sets new standards in the industry by allowing all soldering to be completed in a single pass. This reduces thermal strain on components and avoids the use of harsh cleaning chemicals, resulting in less environmental impact, lower manufacturing power consumption, and a more reliable product overall.

### Stainless Steel Bracket

#### **Steel yourself**

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The mounting bracket of the Dual has been beefed up with 304 Stainless Steel that's harder and more resistant to corrosion.

## SOFTWARE

### GPU TWEAK III

#### **Monitor, tweak, and tune**

The ASUS GPU Tweak III utility takes graphics card tuning to the next level. It allows you to tweak critical parameters including GPU core clocks, memory frequency, and voltage settings, with the option to monitor everything in real-time through a customizable on-screen display. Advanced fan control is also included along with many more features to help you get the most out of your graphics card.

### QuantumCloud

#### **Profit from GPU power**

QuantumCloud is a safe and easy-to-use application that lets you effortlessly earn extra money by sharing your graphics card's computing power. Earnings are accessible through your PayPal or WeChat account, and QuantumCloud also supports multiple exchange methods, including Steam. In addition, QuantumCloud doesn't collect any personal data, so your privacy stays protected. Get started right away with just one click!

## EXPERIENCE

### 144-hour Validation Program

#### **"Extensive" may be an understatement**

A 144-hour validation program puts cards through a series of stringent tests to ensure compatibility with the latest games.

### NVIDIA® G-SYNC® Technology

#### **Smooth operator**

This graphics card supports NVIDIA® G-SYNC® display technology for a super-smooth variable refresh rate experience. Enjoy AAA games without the nuisance of screen tearing or stuttering.

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Get Faster Performance With NVIDIA DLSS

### **Max FPS. Max Quality. Powered by AI.**

Get a performance boost with NVIDIA DLSS (Deep Learning Super Sampling). AI-specialized Tensor Cores on GeForce RTX GPUs give your games a speed boost with uncompromised image quality. This lets you crank up the settings and resolution for an even better visual experience.

### **Ray Tracing**

Ray tracing simulates how light behaves in the real world to produce the most realistic and immersive graphics for gamers and creators. GeForce RTX 30 Series has RT Cores for enhanced ray tracing performance.

- NVIDIA Ampere Streaming Multiprocessors: The all-new Ampere SM brings 2X the FP32 throughput and improved power efficiency
- 2nd Generation RT Cores: Experience 2X the throughput of 1st gen RT Cores, plus concurrent RT and shading for a whole new level of ray-tracing performance
- 3rd Generation Tensor Cores: Get up to 2X the throughput with structural sparsity and advanced AI algorithms such as DLSS. These cores deliver a massive boost in game performance and all-new AI capabilities
- OC edition: Boost Clock 1537 MHz (OC Mode)/ 1507 MHz (Default Mode)
- IP5X dust resistance offers protection from particle ingress for better durability
- A 2-slot design maximizes compatibility and cooling efficiency for superior performance in small chassis
- A stainless steel bracket is harder and more resistant to corrosion
- Auto-Extreme technology uses automation to enhance reliability
- GPU Tweak III provides intuitive performance tweaking, thermal controls, and system monitoring

Summary: ASUS Dual -RTX3050-O6G. Graphics processor family: NVIDIA, Graphics processor: GeForce RTX 3050. Discrete graphics card memory: 6 GB, Graphics card memory type: GDDR6, Memory bus: 96 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) | Vendor Homepage: <https://www.asus.com/motherboards-components/graphics-cards/dual/dual-rtx3050-o6g/> | CUDA: Yes | CUDA cores: 2304 | Graphics processor: GeForce RTX 3050 | Graphics processor family: NVIDIA | Maximum displays per videocard: 3 | Maximum resolution: 7680 x 4320 | Parallel processing

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technology support: Not supported | Processor boost clock speed: 1507 | Processor boost clock speed (OC mode): 1537 | Data transfer rate: 14 | Discrete graphics card memory: 6 | Graphics card memory type: GDDR6 | Memory bus: 96 | DisplayPort version: 1.4a | DisplayPorts quantity: 1 | DVI-D ports quantity: 1 | HDMI ports quantity: 1 | HDMI version: 2.1 | Interface type: PCI Express 4.0 | DirectX version: 12 Ultimate | Dual Link DVI: No | HDCP: Yes | HDCP version: 2.3 | NVIDIA Ansel: Yes | NVIDIA G-SYNC: Yes | OpenGL version: 4.6 | TV tuner integrated: No | Cooling type: Active | Form factor: Full-Height/Half-Length (FH/HL) | Number of fans: 2 | Number of slots: 2 | Product colour: Black | Minimum system power supply: 550 | Depth: 37 | Height: 120 | Length: 201 | Package type: Box | Units per Shipping Box: 10 | Unit Calculated Volume: 0.0036905/0.00464 | Product Net Weight: 0.64 | Unit Calculated Weight: 0.83

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