

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

## ASUS Innovations

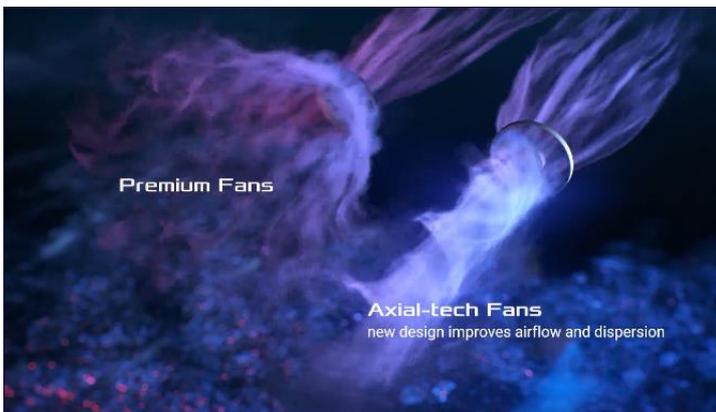
### NV Features

- **NVIDIA Ampere Streaming Multiprocessors**  
The building blocks for the world's fastest, most efficient GPUs, 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.



### Axial-Tech Fan Design

Two tried-and-true Axial-tech fans feature a smaller hub that facilitates longer blades and a barrier ring to increase downward air pressure.



### Protective Backplate

The PCB is reinforced by an aluminum backplate that adds structural rigidity, helping to prevent flex and protect components and trace pathways from damage.



## 2-slot Design

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



## Subtle Lighting

The shroud features a subtle illuminated strip that creates a stylish accent for your build.



## 0db Technology

To eliminate unnecessary noise, a stop mode halts all fans when the GPU temp falls below 50 degrees and power consumption is low.



## Stainless Steel Bracket

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



## Auto-Extreme Technology

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.



## Software Suite

Tweak performance with GPU Tweak II, stream games with XSplit Gamecaster, get a better connection to game servers with wtfast, and earn passive income with Quantumcloud.



## ASUS Features

**OC**  
Edition

### OC edition

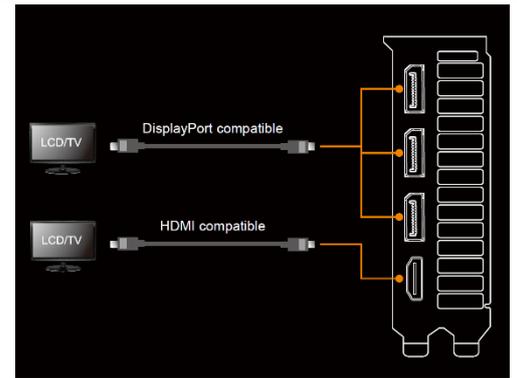
1867 MHz GPU boost clock in OC mode for outstanding gaming experience.

**12** GDDR6  
GB  
Memory

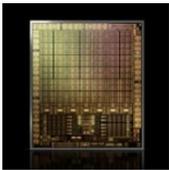
### 12GB GDDR6 Memory

On-board memory for the best gaming experience and the best resolution.

## I/O Specifications

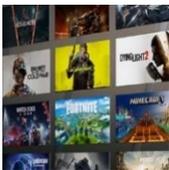


## NV Features



### NVIDIA AMPERE ARCHITECTURE

The all-new NVIDIA Ampere architecture delivers the ultimate play, featuring advanced 2nd generation Ray Tracing Cores and 3rd generation Tensor Cores with greater throughput.



### RTX. IT'S ON.

Experience today's biggest blockbusters like never before with the visual fidelity of real-time ray tracing and the ultimate performance of AI-powered DLSS



### DLSS AI ACCELERATION

NVIDIA DLSS is groundbreaking AI rendering that boosts frame rates with uncompromised image quality using the dedicated AI processing Tensor Cores on GeForce RTX. This gives you the performance headroom to crank up settings and resolutions for an incredible visual experience. The AI revolution has come to gaming.



### VICTORY MEASURED IN MILLISECONDS

NVIDIA Reflex delivers the ultimate competitive advantage. The lowest latency. The best responsiveness. Powered by GeForce RTX 30 Series GPUs and NVIDIA® G-SYNC® monitors. Acquire targets faster, react quicker, and increase aim precision through a revolutionary suite of technologies to measure and optimize system latency for competitive games.



### UP YOUR CREATIVE GAME

Take your creative projects to a new level with GeForce RTX 30 Series GPUs. Delivering AI-acceleration in top creative apps. Backed by the NVIDIA Studio platform of dedicated drivers and exclusive tools. And built to perform in record time. Whether you're rendering complex 3D scenes, editing 8K video, or livestreaming with the best encoding and image quality, GeForce RTX GPUs give you the performance to create your best.



### STREAM LIKE A BOSS

Steal the show with incredible graphics and smooth, stutter-free live streaming. Next-generation hardware encoding and decoding combine to show off all your best moments in exquisite detail. And the all-new NVIDIA Broadcast app gives you powerful AI capabilities to improve audio and video quality with effects like virtual background, webcam auto frame, and microphone noise removal. So you can give your audience your best—every time.



### DIRECTX 12 ULTIMATE

Developers can now add even more amazing graphics effects to Microsoft Windows-based PC games. GeForce RTX graphics cards deliver advanced DX12 features like ray tracing and variable rate shading, bringing games to life with ultra-realistic visual effects and faster frame rates.

## Specifications

<b>Model Name</b>	DUAL-RTX3060-O12G-V2
Graphics Engine	NVIDIA GeForce RTX™ 3060
CUDA Cores	3584
OpenGL®	OpenGL® 4.6
Engine Clock	OC mode : 1867 MHz (Boost Clock) Gaming mode : 1837 MHz (Boost Clock)
Memory Interface	192-bit
Video Memory	12GB GDDR6
Memory Clock	15 Gbps
Power Connector	1 x 8 pin
I/O	1 x Native HDMI 2.1 3 x Native DisplayPort 1.4a
HDCP Compliant	HDCP 2.3
Digital Max. Resolution	7680 x 4320
Maximum Display Support	4
NVLink/Crossfire Support	NA
Recommended PSU	650 W
Bus Standard	PCIe 4.0
Package Contents	1 x Collection card 1 x Speedsetup Manual
Software Bundled	ASUS GPU Tweak II & GeForce Game Ready Driver & Studio Driver (Please download all software from the support site.)
Slot	2-slot
<b>Dimension</b>	
Card Size (mm/inch)	200 x 123 x 38 mm 7.87 x 4.84 x 1.496 inches
Color Box (mm)	303 x 220 x 55 mm
<b>Weight</b>	
Single Card (KG)	0.546 KG
Product Weight (with packing) (KG)	0.898 KG
<b>Note</b>	<p>* Our wattage recommendation is based on a fully overclocked GPU and CPU system configuration. For a more tailored suggestion, please use the “Choose By Wattage” feature on our PSU product page: <a href="https://rog.asus.com/event/PSU/ASUS-Power-Supply-Units/index.html">https://rog.asus.com/event/PSU/ASUS-Power-Supply-Units/index.html</a></p> <p>* All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets. If you do not use the latest and current specifications of ASUS products, you shall be liable for all loss and damage claimed by third party to ASUS based on false advertising or any other issues caused from using false specifications of ASUS products.</p>

