

2x Fans. 2x Fun.

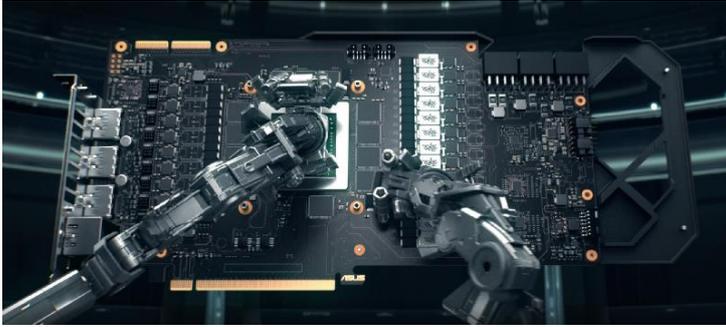
ASUS Innovations

NV Features

- **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.

Auto-Extreme Technology

Fully automated manufacturing for improved reliability and lower environmental impact.



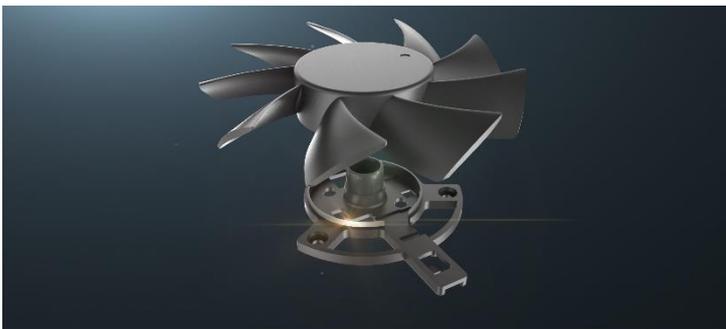
Stainless Steel Bracket

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



IP5X Dust Resistance

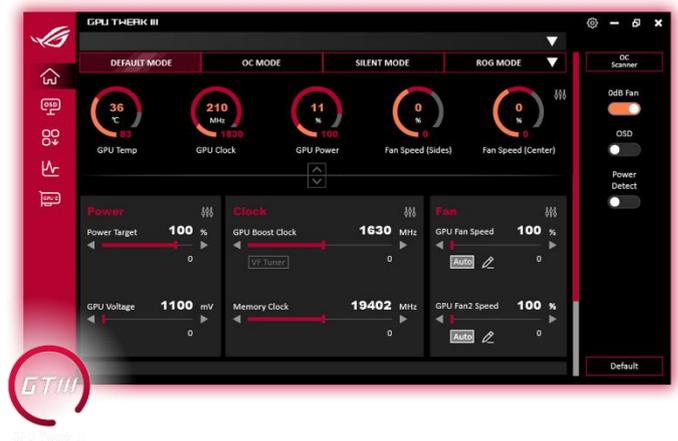
IP5X Dust Resistance offers protection from the particle ingress for better durability.



(Image is for reference only)

GPU Tweak III

Hardware and software come together to let you fully customize your experience and get the most out of your graphics card. GPU Tweak III allows for hardware tweaking and monitoring.



ASUS Features

OC
Edition

OC edition

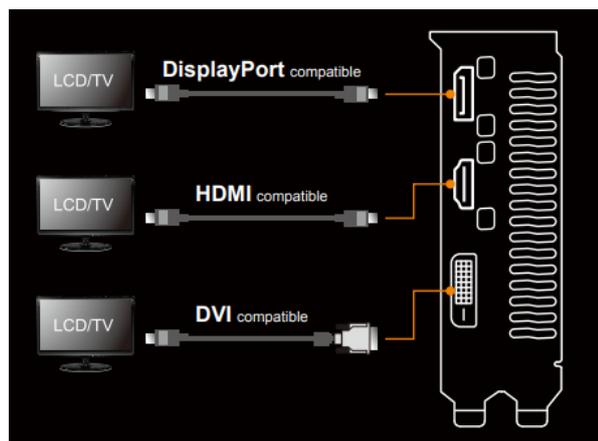
TBD MHz GPU boost clock in OC mode for outstanding gaming experience.

6 GDDR6
GB
Memory

6GB GDDR6 Memory

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

I/O Specifications



NV Features



THE ULTIMATE PLAY

GeForce RTX™ 30 Series GPUs deliver the ultimate performance for gamers and creators. They're powered by Ampere—NVIDIA's 2nd gen RTX architecture—with new RT Cores, Tensor Cores, and streaming multiprocessors for the most realistic ray-traced graphics and cutting-edge AI features.



ULTIMATE RAY TRACING AND AI

NVIDIA RTX is the most advanced platform for ray tracing and AI technologies that are revolutionizing the ways we play and create. Over 150 top games and applications use RTX to deliver realistic graphics with incredibly fast performance or cutting-edge new AI features like NVIDIA DLSS and NVIDIA Broadcast. RTX is the new standard.



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.

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® Displays with Reflex. Acquire targets faster, react quicker, and increase aim precision through a revolutionary suite of technologies built to reduce and measure system latency for competitive games.

THE BEST EXPERIENCE FOR EVERY GAME

GeForce Game Ready Drivers deliver the best experience for your favorite games. They're finely tuned in collaboration with developers and extensively tested across thousands of hardware configurations for maximum performance and reliability. Game Ready Drivers also allow you to optimize game settings with a single click and empower you with the latest NVIDIA technologies. That's what we call Game Ready.

BUILT FOR LIVE STREAMING

Steal the show with incredible graphics and smooth, stutter-free live streaming. GeForce RTX GPUs feature advanced streaming capabilities thanks to the NVIDIA Encoder (NVENC), engineered to deliver show-stopping performance and image quality. Plus, exclusive optimizations to all your favorite streaming apps unlock the ability to give your audience your very best—every time.

YOUR AI-POWERED HOME STUDIO

The NVIDIA Broadcast app transforms any room into a home studio—taking your livestreams, voice chats and video conference calls to the next level with powerful AI effects like noise removal, virtual background, and more.

UP YOUR CREATIVE GAME

Take your creative projects to a new level with GeForce RTX 30 Series GPUs. Experience AI-acceleration in top creative apps and enhance your workflows with the NVIDIA Studio platform of dedicated drivers and exclusive tools. Whether you're rendering complex 3D scenes, editing high resolution video, or seamlessly connecting and collaborating with NVIDIA Omniverse™, GeForce RTX GPUs give you the performance to create your best.

Specifications

Model name	DUAL-RTX3050-O6G
Graphics Engine	NVIDIA® GeForce RTX™ 3050
CUDA cores	TBD
OpenGL®	OpenGL® 4.6
Engine Clock	OC mode: TBD MHz (Boost Clock) Gaming mode: TBD MHz (Boost Clock)
Memory Interface	96-bit
Video Memory	6GB GDDR6
Memory Speed	14 Gbps
Power Connector	NA
I/O	1x Native HDMI 2.1 1x Native DisplayPort 1.4a 1x Native DVI-D
HDCP Compliant	HDCP 2.3
Digital Max. Resolution	7680 x 4320
Maximum Display Support	3
NVLink/Crossfire Support	N/A
Recommended PSU	550W
Bus Standard	PCIe 4.0
Package Contents	1 x Speedsetup Manual
Software Bundled	ASUS GPU Tweak III & GeForce Game Ready Driver & Studio Driver (Please download all software from the support site.)
Slot	2 slot
Dimension	
Card Size (mm/inch)	201 x 120 x 37mm 7.91 x 4.72 x 1.46 inches
Color Box (mm)	300 x 218 x 55
Weight	
Single Card (KG)	0.4
Product Weight (with packing) (KG)	0.702
Note	<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: https://rog.asus.com/event/PSU/ASUS-Power-Supply-Units/index.html</p> <p>* All specifications are subject to change without notice. Please check with your supplier for exact offers.</p> <p>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>

