

Armed For Flow

ASUS Innovations

- **OC mode:** Up to TBD MHz (Boost Clock)/up to TBD MHz (Game Clock)
- **Default mode:** Up to TBD MHz (Boost Clock)/up to TBD MHz (Game Clock)

COOLING

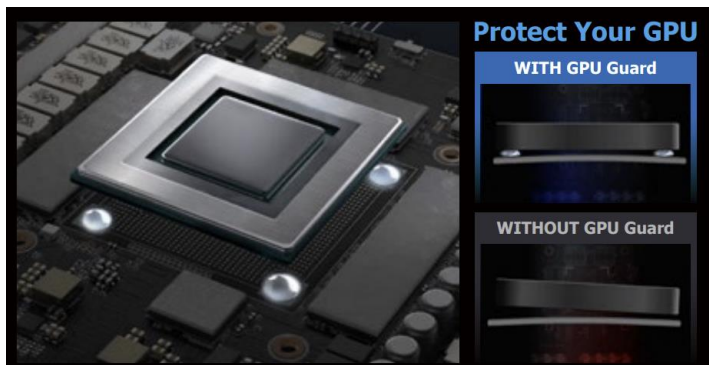
ASUS MaxContact design effectively increases GPU heat spreader surface area by 5% for increased cooling and a vented backplate optimized for airflow work in tandem with Axial-tech fans to drive air through the entire array, keeping noise levels down and GPU temperatures under tight control.

DURABILITY

Military-graded chokes, MOSFETs and capacitors, a phase-change GPU thermal pad, a protective PCB coating and dual-ball fan bearings help ensure long-term durability.

RELIABILITY

Auto-Extreme Technology is an automated manufacturing process that helps ensure reliability. ASUS GPU Guard and a steel GPU bracket reinforce the die, and a 304-grade steel bracket provides firm mounting.



*For illustration only

GRAPHICS CARD HOLDER

The bundled graphics card holder banishes sag and also contains a screwdriver to help you build.

SOFTWARE

GPU Tweak III empowers hardware tweaking and monitoring, and Aura Sync lets you craft personalized PC lighting for a truly unique build. A bundled 1-month Adobe Creative Cloud trial* gets you started on your creative journey.



*Limited-time bundle. Promotion period may change without notice

ASUS Features

OC
Edition

OC Edition

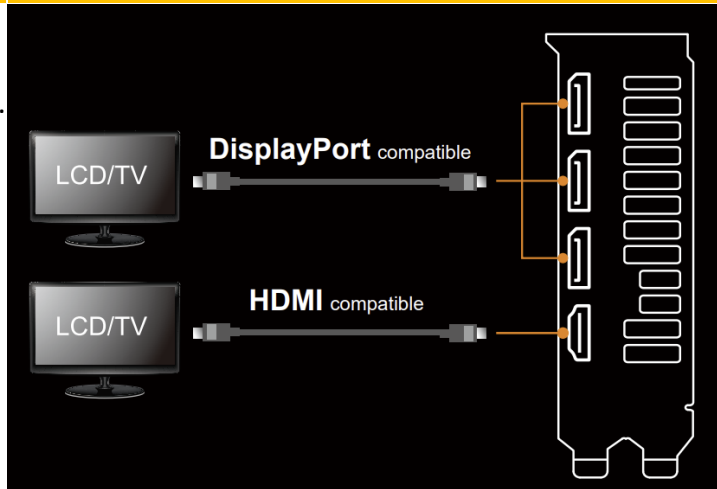
Up to TBD MHz GPU boost clock in OC mode for outstanding gaming experience.

16GB GDDR6
Memory

16GB GDDR6 Memory

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

I/O Specifications



AMD Features

AMD RDNA™ 4 Architecture

New AMD RDNA™ 4 architecture features 3rd Gen raytracing and 2nd Gen AI accelerators to deliver the performance you need to max out your gaming.

AMD HYPR-RX

With a single click, automatically enable all the performance boosting, latency reducing features from AMD Software in thousands of games.

AI-Powered Upscaling

Boost your framerates with cutting-edge AI-powered upscaling and advanced frame generation technologies while delivering amazing high-quality visuals in supported games.

High-Performance Raytracing

Enjoy lifelike lighting, shadows, and reflections in supported games with high-performing 3rd Gen Raytracing Accelerators.

AMD Radeon™ Anti-Lag 2

Ultra-low-latency gaming, and when combined with AMD FSR advanced frame generation, it delivers ultra-smooth, ultra-responsive high FPS experiences.

AMD Radiance Display™ Engine

New AMD Radiance Display™ Engine improves video recording and streaming with smooth, high-image quality processing and support for new media tech and features.

AMD FreeSync™ Technology

Pair with AMD certified AMD FreeSync™ technology-enabled monitors for an exceptional stutter and tear-free gaming experience.

Future-Ready Tech and Features

Unlock the full AMD Socket AM5 experience with AMD Ryzen™ processors and AMD smart technologies. Get equipped with the latest in modern display technology with DisplayPort™ 2.1a for an ultra immersive experience. Keep up to date with AMD Software for the latest features and optimizations.

Specifications

Model Name	TUF-RX9070XT-O16G-GAMING
Graphics Engine	AMD Radeon™ RX 9070XT
Stream Processors	TBD
OpenGL®	OpenGL® 4.6
Engine Clock	OC mode: up to TBD MHz (Boost Clock)/up to TBD MHz (Game Clock) Default mode: up to TBD MHz (Boost Clock)/up to TBD MHz (Game Clock)
Memory Interface	256-bit
Video Memory	16GB GDDR6
Memory Speed	TBD
Power Connector	3 x 8-pin
I/O	1 x Native HDMI 2.1 3 x Native DisplayPort 2.1a
HDCP Compliant	HDCP 2.3
Digital Max. Resolution	7680 x 4320
Maximum Display Support	4
Crossfire Support	No
Recommended PSU	850W
Bus Standard	PCIe 5.0
Package Contents	1 x TUF certificate of Reliability 1 x TUF Gaming Graphics Card Holder 1 x TUF Velcro Hook & Loop 1 x TUF Fridge Magnet 1 x Thank you card 1 x Speedsetup Manual
Software Bundled	ASUS GPU Tweak III & Driver, please download all software from the support site.
Slot	3.125 slot
Dimension	
Card Size (mm/inch)	330 x 140 x 62.5 mm 13 x 5.5 x 2.5 inch
Color Box (mm)	420 x 226 x 126 mm
Weight	
Single Card (KG)	1.48 KG
Product Weight (with packing) (KG)	2.56 KG
Note	* 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 * 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. * ‘Game Clock’ is the expected GPU clock when running typical gaming applications, set to typical TGP (Total Graphics Power). Actual individual game clock results may vary. * ‘Boost Clock’ is the maximum frequency achievable on the GPU running a bursty workload. Boost clock achievability, frequency, and sustainability will vary based on several factors, including but not limited to: thermal conditions and variation in applications and workloads.