

DUAL-RTX2070-O8G-EVO-V2

2x FANS, 2x FUN

ASUS innovations

NV Features

- **RT Cores:** Dedicated ray tracing hardware enables fast real-time ray tracing of objects and environments with physically accurate shadows, reflections, refractions, and global illumination.
- **Concurrent Floating Point and Integer Processing:** Turing GPUs more efficiently process the compute heavy workloads of modern games.
- **Ultra-fast GDDR6:** Experience up to 496 GB/s of memory bandwidth for high-speed, high-resolution gaming.



AXIAL-TECH FANS

Newly designed for the latest generation of top-end ROG graphics cards, these fans feature a smaller hub that facilitates longer blades and a barrier ring to increase downward air pressure.



DirectCU II

Copper heatpipes make direct contact with the die for improved thermal transfer.



PROTECTIVE BACKPLATE

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



SUBTLE LIGHTING

The shroud features a subtle illuminated strip, adding a professionally styled accent to your build.



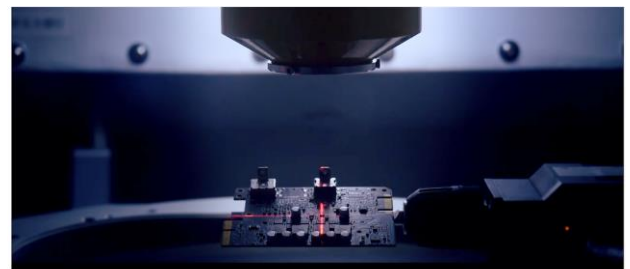
SOFTWARE SUITE

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.



AUTO-EXTREME TECHNOLOGY

An automated manufacturing process that enhances reliability.



ASUS Features

OC
Edition

- **OC edition:**
1740 GPU boost clock and 14000 memory clock in OC mode for outstanding gaming experience

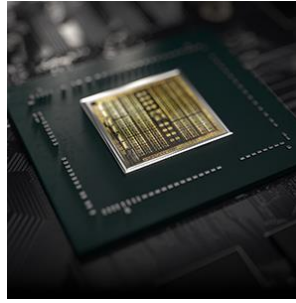
8 GDDR6
GB
Memory

- **8GB GDDR6 Memory:**
On-board memory for the best gaming experience & the best resolution.

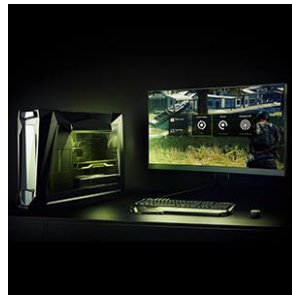
GPU Tweak II
Real-time Graphics Tuning
and Live Streaming

- **GPU Tweak II:**
Comprehensive GPU performance tweaking, XSplit Gamecaster, wtfast, and Quantum Cloud's mining App which allows gamers to utilize idle GPUs to earn low-maintenance income.
*Free 1-year premium XSplit Gamecaster USD 99.95 /yr).
*Six-month WTFast premium license (USD\$53.95)

NV Features



- **NVIDIA Turing™ Architecture**
GeForce RTX is powered by NVIDIA Turing, the world's most advanced GPU architecture for gamers and creators. Get truly next-gen performance and features with dedicated AI and ray tracing cores for the ultimate experience.



- **GeForce Experience**
Capture and share videos, screenshots, and livestreams with friends. Keep your drivers up to date and optimize your game settings. GeForce Experience™ lets you do it all. It's the essential companion to your GeForce graphics card.

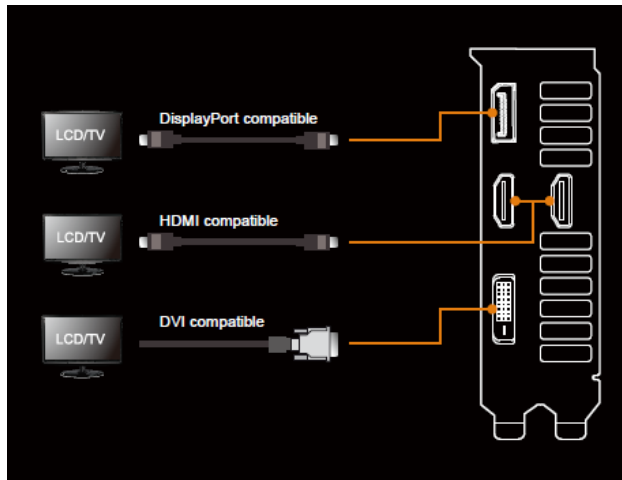


- **G-SYNC**
NVIDIA® G-SYNC® gives you more of what you want in a gaming experience. Get smooth, tear-free gameplay at refresh rates up to 240 Hz, plus HDR and more.



- **Frames Win Games**
Fortnite, Apex Legends, and PLAYERUNKNOWN'S BATTLEGROUNDS demand 240 or 144 FPS. Be the last one standing with the unbeatable performance of your GeForce graphics cards.

I/O Specifications



- **NVIDIA Studio**
A new age of creativity is upon us, with the creative apps you depend on moving faster than you ever imagined. NVIDIA GPUs accelerate your work with incredible boosts in performance. Welcome to NVIDIA Studio—and your new, more creative, process.



- **Broadcast Like a Pro** GeForce RTX™ give you the best of both worlds—a dedicated hardware encoder that unlocks the ability to game and stream simultaneously with superior quality. RTX graphics cards are optimized for your favorite streaming apps, like Open Broadcaster Software (OBS), to give you maximum performance for your live stream.



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Specifications

Model name	DUAL-RTX2070-O8G-EVO-V2
Graphics Engine	NVIDIA® GEFORCE RTX™ 2070
CUDA cores	2304
OpenGL	OpenGL® 4.6
Engine Clock	OC mode : 1740 MHz (Boost Clock) Gaming mode : 1710 MHz (Boost Clock)/ 1410 MHz (Base Clock)
Memory Interface	256-bit
Video Memory	8GB GDDR6
Memory Clock	14000 MHz
Power Connector	1x 8 pin
I/O	1x Native Dual-link DVI-D 2x Native HDMI 2.0b 1x Native DisplayPort 1.4
HDCP compliant	HDCP 2.2
Digital Max Resolution	7680 x 4320
Maximum Display Support	4
NVLink / Crossfire Support	N/A
Recommended PSU	550 W
Bus Standard	PCIe 3.0
Package contents	N/A
Software Bundled	ASUS GPU Tweak II & Driver
Slot	2.5 slot
Dimension	
Card Size (cm/inch)	9.5 x 5.1 x 2 inches 24.2 x 13 x 5.3cm
Color Box (mm)	405*233*88.5
Weight	
Single Card (KG)	0.749
Product Weight (with packing) (KG)	1.55
Note	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.

