

ROG-STRIX-RTX2060S-O8G-EVO-V2-GAMING

OUTSHINE THE COMPETITION !!

ASUS innovations

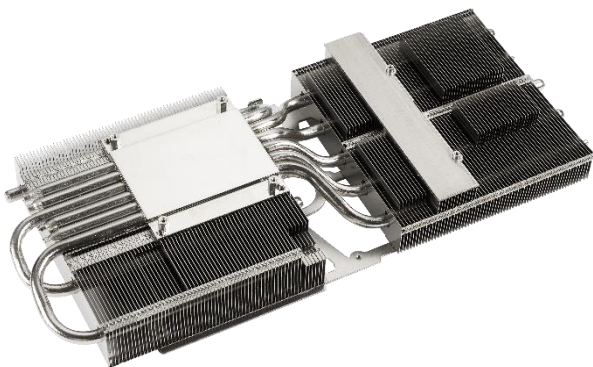
NV Features

- **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.



MAXCONTACT TECHNOLOGY

The heat spreader makes up to 2x more contact with the GPU chip for improved thermal transfer.



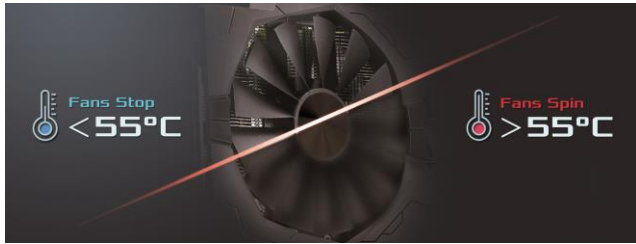
ASUS AURA SYNC COMPATIBILITY

Match your card's RGB LEDs to your system using Aura Sync software or turn them off with a stealth mode button.



0dB TECHNOLOGY

An advanced controller brings fans to a standstill below 55 Celsius, letting you enjoy light gaming in relative silence.



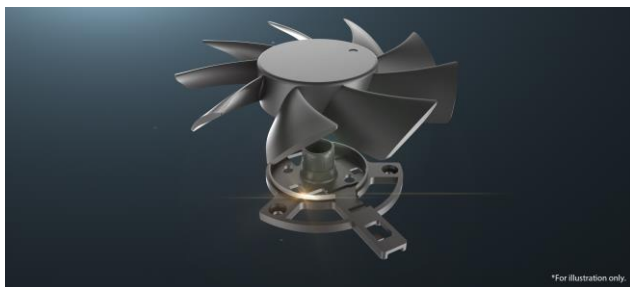
AXIAL-TECH FAN DESIGN

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.



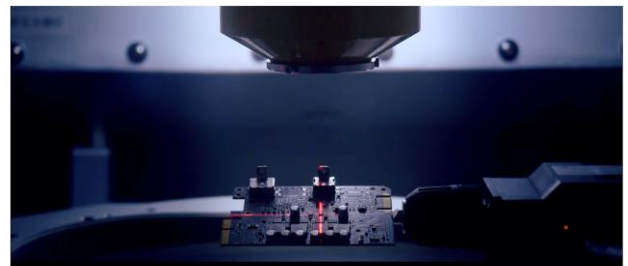
IP5X DUST RESISTANCE

Dust resistance protects fans from particle ingress for better durability.



AUTO-EXTREME TECHNOLOGY

An automated manufacturing process that enhances reliability.



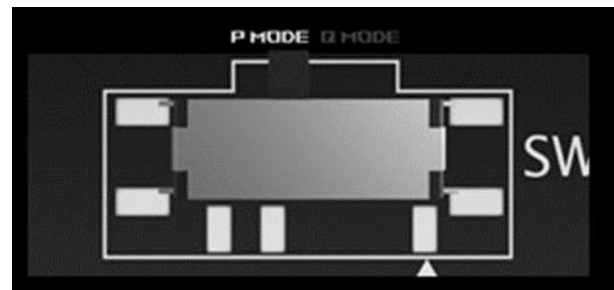
SOFTWARE SUITE

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.



DUAL BIOS

Toggle between Quiet and Performance BIOS profiles with a hardware switch.



ASUS Features

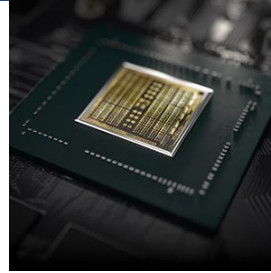


- **OC edition:**
1860 GPU boost clock and 14000 memory clock in OC mode for outstanding gaming experience



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

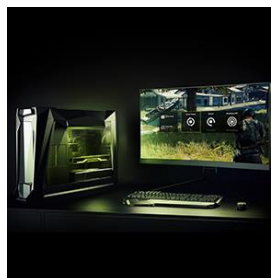
NV Features



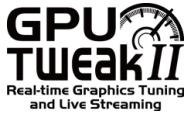
- **NVIDIA Turing™ Architecture**
GeForce RTX is powered by NVIDIA Turing, the world's most advanced GPU architecture for gamers and creators. Get truly next-gen performance and features with dedicated AI and ray tracing cores for the ultimate experience.



- **Get SUPER Powers**
The new GeForce RTX SUPER™ Series has even more cores and higher clocks, bringing you performance that's up to 25% faster than the original RTX 20 Series and 6X faster than the previous-generation 10 Series GPUs. It's time to gear up and get super powers.



- **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.



- **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)



- **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.



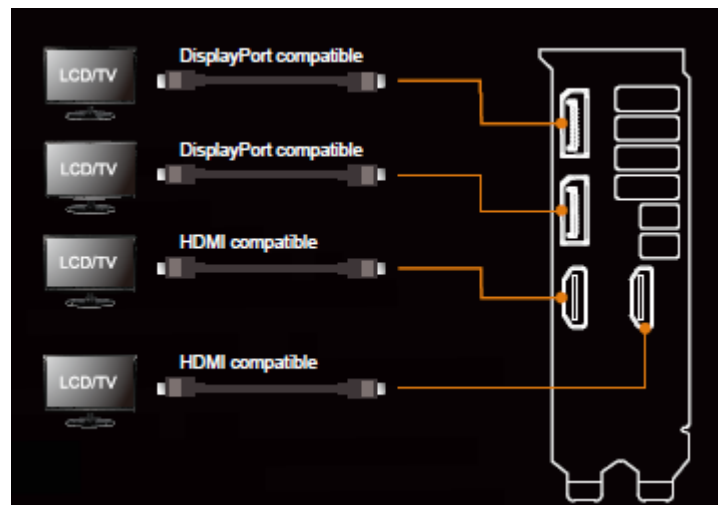
- **NVIDIA Studio A**
new age of creativity is upon us, with the creative apps you depend on moving faster than you ever imagined. NVIDIA GPUs accelerate your work with incredible boosts in performance. Welcome to NVIDIA Studio—and your new, more creative, process.



- **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.

I/O Specifications



Specifications

Model name	ROG-STRIX-RTX2060S-O8G-EVO-V2-GAMING
Graphics Engine	NVIDIA® GEFORCE® RTX 2060 SUPER™
CUDA cores	2176
OpenGL	OpenGL® 4.6
Engine Clock	OC mode : 1860 MHz (Boost Clock) Gaming mode : 1830 MHz (Boost Clock)/ 1470 MHz (Base Clock)
Memory Interface	256-bit
Video Memory	8GB GDDR6
Memory Clock	14000 MHz
Power Connector	1x 8 pin + 1x 6 pin
I/O	2x Native HDMI 2.0b 2x 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
Accessory Bundled	1x ROG Velcro Hook & Loop
Software Bundled	ASUS GPU Tweak II & Driver, please download all software from the support site.
Slot	2.5 slot
Dimension	
Card Size (cm/inch)	11.83x 5.14x 1.93 inches 30.05 x 13.06 x 4.89 cm
Color Box (mm)	405*233*88.5
Weight	
Single Card (KG)	1.201
Product Weight (with packing) (KG)	1.85
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.

