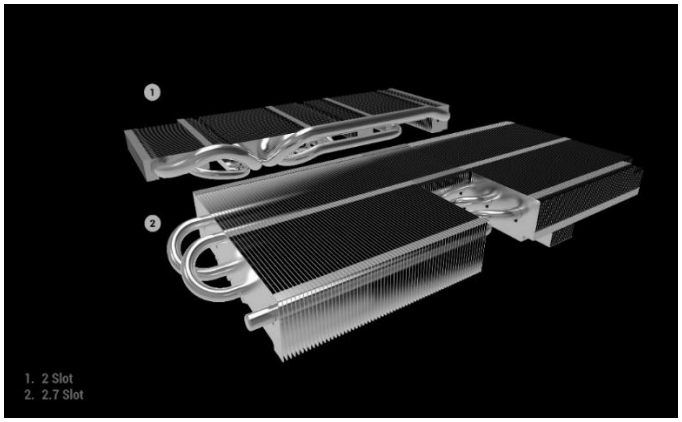
ROG-STRIX-RTX2080-O8G-GAMING

OUTSHINE THE COMPETITION!!

ASUS Exclusive Innovations

■ MaxContact Technology and 2.7-Slot Width

Precision-machined heat spreader makes 2x more contact for improved thermal transfer. We've increased our heatsink to 2.7 slot, and the overall surface area became 2X larger compared to last generation. Larger heatsink provided lower temperature while gaming.



■ 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.

■ Reinforced Frame

Our engineers have boosted the ROG STRIX GeForce® RTX 20 series' structural integrity by 3X with a metal brace that prevents excessive torsion and lateral bending of the PCB.

■ Auto-Extreme Technology

Fully automated manufacturing for improved reliability and lower environmental impact.

■ Axial-tech Fans

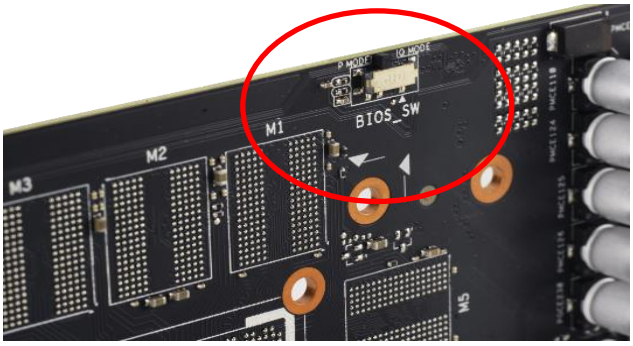
With Axial-tech fans, increasing air flow through the heatsink and fin array and achieve an IP5X dust-resistant certification.

■ VR-Friendly HDMI Ports

Let you connect a VR device and display at the same time and enjoy immersive virtual reality experiences without having to swap cables.

■ Dual BIOS Switch

Switch between Quiet and Performance BIOS profiles without software



■ ASUS FanConnect II

Featuring two 4-pin GPU-controlled headers that can be connected to system fans for targeted supplemental cooling and optimal thermal performance.

■ GPU Tweak II with Xsplit Gamecaster

Tweak Till Your Heart's Content

Comprehensive GPU performance tweaking with customizable OSD plus XSplit Gamecaster and WTFast Gaming Private Network software

Free 1-year premium XSplit Gamecaster (USD 99.95 /yr). Six-month wtfast premium license* — a USD$53.95 value — to let user enjoy online gaming that's free from lag, latency and lost packets.

ASUS Features

- **OC Edition:**
  1890 MHz GPU boost clock and 14000 MHz memory clock in OC mode for outstanding gaming experience

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

- **GPU Tweak II:**
  GPU Tweak II helps you modify clock speeds, voltages, fan performance and more, all via an intuitive interface.

GPU Features

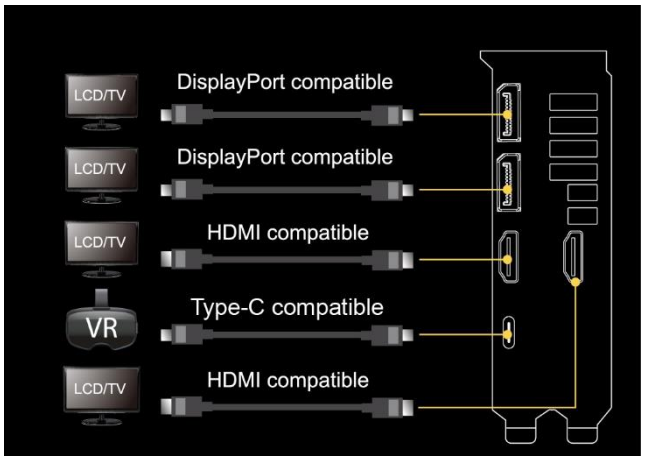
- **NVIDIA® G-SYNC™ Technology：**
  The GeForce® RTX 2080 features NVIDIA® G-SYNC™ display technology for the smoothest and fastest gaming imaginable, eliminating screen tearing and minimizing display stutter and input lag. Enjoy the latest first-person shooters, sports and action-adventure games at super-fast frame rates, even at the highest graphics settings.

- **NVIDIA® Highlights:**
  Automatically record your best gaming moments.

- **NVIDIA® Ansel:**
  Turn screenshots into art with 360, HDR, and Super-Res photos.

- **VR Ready:**
  Discover next-generation VR performance, the lowest latency, and plug-and-play compatibility with leading headsets—driven by NVIDIA VRWorks™ technologies. VR audio, physics, and haptics let you hear and feel every moment.

I/O Specifications



IN SEARCH OF INCREDIBLE

Hardware Specification

Model	ROG-STRIX-RTX2080-O8G-GAMING
Graphics Engine	NVIDIA® GeForce® RTX 2080
Bus Standard	PCI Express® 3.0
OpenGL	OpenGL® 4.5
Video Memory	8GB GDDR6
GPU boost Clock	OC mode : **1890** MHz Gaming mode : **1860** MHz
GPU base Clock	OC mode : **1515** MHz Gaming mode : **1515** MHz
CUDA cores	2944
Memory Clock	OC mode : **14000** MHz Gaming mode : **14000** MHz
Memory Interface	256-bit
USB	1 x Native USB Type-c
HDMI Output	2x Native HDMI 2.0b
HDCP compliant	HDCP 2.2
DisplayPort	2x Native DisplayPort 1.4
Power Connectors	2x 8 pin
Accessory Bundled	1x ROG Velcro Hook & Loop
Software Bundled	ASUS GPU Tweak II & Driver
Max. Digital Resolution	7680 x 4320
Dimension	The card size is 11.8 x 5.13 x 2.13 inches 29.97 x 13.04 x 5.41 cm
Note	● To have the best cooling performance, ASUS STRIX-RTX 2080 extends the heat sink to 2.7 slots. Please double check you Chassis and Motherboard dimension prior to purchase to make sure it fits in your system! ● Note that the actual boost clock will vary depending on actual system conditions. For more information, please visit http://www.geforce.com/

•Specifications are subject to change without notice.
•PCB color and bundled software versions are change without notice.
•Brand and product names mentioned are trademarks of their respective company.

LED
ON/OFF
ASUS | STRIX