ComX Computers
Product Specification Sheet

SC-A2080S-SA

Asus ROG Strix GeForce RTX 2080 SUPER Advanced Edition 8GB GDDR6 256-bit Graphics Card

Product Overview

Asus ROG-STRIX-RTX2080S-A8G-GAMING - rtx2080 Super Strix Advanced with aura RGB - 3x fans with 4x aluminum heatpipes + back-sided heatsink, 12nm, 2-way NVLiNK SLi, Pci-E 3.0 16x; 8Gb/8192mb 256bit DDR6 (496Gb/sec memory transfer), RoPs: 64, 3072 cuda cores, Tensor / RT cores: 384/48 with 3mb L1 + 4mb L2 cache, 116 GPexels/Sec, 348 GTexels/Sec, 22300 GFLoPS, 192x TMUs, core clock: 1650/1860 mhz; memory: 15500 mhz, 2x HDMi+ 2x DP + type-C - require 2x8pin power connector



Specifications

Features:

Take Flight
ROG Strix GeForce® is stacked with more CUDA cores, higher clock speeds, and faster memory than its predecessor and paired with a host of features for a truly top-tier gaming experience. Gargantuan power delivery provides the muscle to push overclocking boundaries, while cooling that's honed to perfection keeps the spotlight squarely on Turing™'s performance. And with an arsenal of utilities that allow you to customize and tweak this extreme hardware, everything AAA gaming has to offer is yours for the taking.

Better, faster, stronger
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.

Quiet intelligence
An advanced onboard controller brings fans to a standstill when the GPU core temperature is below 55 Celsius, letting you enjoy light gaming in relative silence. As temps rise past the threshold, the fans automatically start up again.

Sink your heat into this
The ROG Strix GeForce RTX 2080 SUPER leverages a 2.7-slot design to gain more heatsink surface area. The extra thermal headroom increases overclocking potential and allows fans to run at even lower speeds in light scenarios.

Choose wisely
Do you prioritize low core temps or low noise levels? Performance mode will let the fans spin up to keep the card running cool all the time. Quiet mode keeps the same power target and top-end settings, but offers a less aggressive fan curve for quieter operation at medium temps. For even more customization and control, check out our GPU Tweak II software.

Precision automated manufacturing
Auto-Extreme Technology is an automated manufacturing process that sets new standards in the industry by allowing all soldering to be completed in a single pass. This reduces thermal strain on components and avoids the use of harsh cleaning chemicals, resulting in less environmental impact, lower manufacturing power consumption, and a more reliable product overall.

Premium power components
To deal with varying game and application workloads, the Turing™ architecture can change speeds in an instant, necessitating a power delivery circuit with the reserves to handle the onslaught when you dial up the clock. The ROG Strix GeForce® RTX 2080 SUPER™ is armed with premium capacitors, DrMOS power stages, and alloy-core chokes capable of pushing performance to the max.

Stay close
MaxContact is an industry-first technology that utilizes precision machining to create a heat spreader surface that makes up to 2X more contact with the GPU chip, resulting in improved thermal transfer.

Architecture FTW
A metal brace prevents excessive torsion and lateral bending of the PCB.

Monitor, tweak, and tune
The ASUS GPU Tweak II utility takes graphics card tuning to the next level. It allows you to tweak critical parameters including GPU core clocks, memory frequency, and voltage settings, with the option to monitor everything in real-time through a customizable on-screen display. Advanced fan control is also included along with many more features to help you get the most out of your graphics card.

Premium streaming
XSplit offers a premium streaming experience with in-game annotations and other advanced features. Enjoy a free license with the purchase of select ASUS graphics cards. See you online!

Play lag-free
We've partnered with wtfast to help you to play free from lag, latency issues, and lost packets. With a 6-month subscription to the wtfast Gamers Private Network, you'll enjoy lower ping for a smoother, more fluid online gaming experience. Buy an ASUS graphics card - and don't be left waiting!

Profit from GPU power
Quantumcloud is a simple and secure service that lets you effortlessly earn extra money by putting your idle GPU to work. Through an easy-to-use app, your computer can help run cloud-based applications, making you money in the process. Earnings are automatically transferred to your WeChat or PayPal account, and your privacy remains intact because Quantumcloud doesn't collect your personal data. Get started making money today!

Outshine the competition
The ROG Strix GeForce RTX 2080 SUPER features Aura RGB lighting on both the shroud and backplate. Get Aura Sync software to connect your compatible products for a completely customized gaming setup. You can sync to music, change color based on temperature, or select from a large number of patterns and static options, so make sure to look out for the Aura Sync logo when you're picking parts for your build.

Be a ninja
Sometimes you just want to turn off all the lights… That's why we've outfitted your graphics card with a convenient stealth mode button. Give it a press and you'll instantly transform from a master of the color-verse into a stealthy ninja.

Smarter fan speed
ASUS FanConnect II features two 4-pin, hybrid-controlled headers that can be connected to both PWM and DC system fans

for optimal system cooling. Connected fans react to GPU and CPU temperatures, so that your system is optimally cooled no matter what you do. A comprehensive set of tuning options allow you to tweak fan speeds for your preferred balance of cooling and acoustics.

Smooth operator

This graphics card supports NVIDIA® G-SYNCTM display technology for a super-smooth variable refresh rate experience. Enjoy AAA games without the nuisance of screen tearing or stuttering.

Specifications:

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Specifications	
Product Code	SC-A2080S-SA
Graphics Engine	NVIDIA GeForce RTX 2080 SUPER
Bus Standard	PCI Express 3.0
OpenGL	OpenGL 4.6
Video Memory	GDDR6 8GB
Engine Clock	OC Mode - GPU Boost Clock : 1860 MHz, GPU Base Clock : 1680 MHz
	Gaming Mode (Default) - GPU Boost Clock : 1830 MHz, GPU Base Clock : 1650 MHz
CUDA Core	3072
Memory Clock	15500 MHz
Memory Interface	256-bit
Resolution	Digital Max Resolution:7680x4320
Interface	HDMI Output : Yes x 2 (Native) (HDMI 2.0b)
	Display Port : Yes x 2 (Native) (DisplayPort 1.4)
	USB Type-C Support:Yes x1
Maximum Display Support	4
NVlink/ Crossfire Support	Yes
Recommended PSU	650W
Power Connectors	2 x 8-pin
Accessories	1 x Quick Guide
	1 x ROG Velcro Hook & Loop
Software	ASUS GPU Tweak II & Driver
Dimensions	11.8 " x 5.13 " x 2.13 " Inch
	29.97 x 13.04 x5.41 Centimeter
Slot	2.7 slot

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/SC-A2080S-SA-Asus-ROG-Strix-GeForce-RTX-2080-SUPER-Advanced-Edition-8GB-GDDR6-256-p-229530.php

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