ComX Computers
Product Specification Sheet

SC-G2080S-AW

Gigabyte RTX2080Super Aorus Waterforce 8Gb/8192mb DDR6 256bit Graphics Card

Product Overview

Gigabyte GV-N208SAORUS W-8GC - RTX2080Super Aorus Waterforce (built-in all-in-one watercooling + 240mm radiator with 2x1200mm RGB fans) - with Fusion2.0 RGB Lighting, back-sided heatsink, 12nm, 2-way NVLiNK SLi, Pci-E 3.0 16x, 8Gb/8192mb DDR6 256bit (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: 1815/1860 mhz; memory: 15500 mhz, 3x DP+ 3x HDMi + type-C - require 2x8pin power connector



Specifications

Features:

WATERFORCE COOLING SYSTEM
AORUS provides the all-around cooling solution for all key components of the graphics card. We take care not only GPU but also VRAM and MOSFET, to ensure a stable overclock operation and longer life. AORUS guarantees that the WATERFORCE graphics card has the excellent assembly quality and highest performance.

RGB Fusion 2.0
With 16.7M customizable color options and numerous lighting effects, you can choose lighting effects or synchronize with other AORUS devices.

EXTRA 2X HDMI
AORUS provides a total of 7 video outputs compared to the reference card 5 video outputs. An additional 2 HDMI ports allow consumers to have greater flexibility when connecting to the display. You can choose 3xHDMI + 1xDP + 1xUSB-C or 3xDP + 1xHDMI + 1xUSB-C for your monitors without any adaptors.

Wings of Excellence
The falcon utilizes its powerful wings to soar through the skies and lock down its prey. The AORUS Core takes inspiration from the falcon's aerodynamic wings, incorporating a multi-layered design which features wing shaped contours and also resembles the falcon's high velocity ascension and dive through the skies. With sleek and metallic armor, the AORUS Core symbolizes advancement in technology with its futuristic style.

PREMIUM BUILD IN EVERY ASPECT
AORUS graphics are dedicated to perfect quality. Excellent circuit design with the top-grade materials, not only maximizes the performance of the GPU, but also maintains stable and long-life operation.

For deep learning

GeForce® RTX 2080 SUPER™ with 8G memory and 496 GB/s memory bandwidth has 3072 CUDA® Cores and hundreds of Tensor cores operating in parallel. It is the most suitable entry point for those who are developing A.I. technology. It doesn't only offer great cost-benefits, it can also save you time due to increased throughput and efficiency.

Intuitive AORUS Engine

Clock speeds, voltage, fan performance, power target can be monitored and tuned in real-time according to your own preference through this intuitive interface. (*The interface and functionality of the software is subject to each model.)

Specifications:

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Specifications	
Product Code	SC-G2080S-AW
Graphics Processing	GeForce RTX 2080 SUPER
Core Clock	1860 MHz (Reference Card: 1815 MHz)
RTX-OPS	65
CUDA Cores	3072
Memory Clock	15500 MHz
Memory Size	8 GB
Memory Type	GDDR6
Memory Bus	256 bit
Memory Bandwidth (GB/sec)	496 GB/s
Card Bus	PCI-E 3.0 x 16
Digital max resolution	7680x4320@60Hz
Multi-view	4
Card size	L=290 W=131.05 H=40.41 mm
PCB Form	ATX
DirectX	12
OpenGL	4.5
Recommended PSU	650W
Power Connectors	8 Pin*2
Output	DisplayPort 1.4 *3
	HDMI 2.0b *3
	USB Type-C (support VirtualLink) *1
SLI support	2-way NVIDIA NVLINK

Accessories	1. AORUS metal sticker
	2. Quick guide
	3. Warranty registration
	4. I/O guide
	5. Driver CD
	6. Installation
RGB light	Front, Side, Back, Fan
Tube length	395mm +/- 1.5%
Radiator	240 mm
Fan	2x 120 mm

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-G2080S-AW-Gigabyte-RTX2080Super-Aorus-Waterforce-8Gb-8192mb-DDR6-256bit-Graphics-p-230873.php

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