ComX Computers
Product Specification Sheet

SC-G2070S-GoK

Gigabyte RTX2070Super Gaming OC Black 8Gb/8192mb DDR6 256bit Graphics Card

Product Overview

Gigabyte GV-N207SGAMING OC-8GC - RTX2070Super Gaming OC black - with Fusion2.0 RGB Lighting, Windforce 3X, 3x 82mm fans with alternate spinning fans for better heat dissipation, back-sided heatsink + 6x 10mm copper heatpipes with DTH (Direct Touch Heatpipes), 12nm, 2-way NVLiNK SLi, Pci-E 3.0 16x, 8Gb/8192mb DDR6 256bit (448Gb/sec memory transfer), RoPs: 64, 2560 cuda cores, Tensor / RT cores: 320/40 with 2.5mb L1 + 4mb L2 cache, 113 GPexels/Sec, 283 GTexels/Sec, 18120 GFLoPS, 160x TMUs, core clock: 1770/1815mhz; memory: 14000 mhz, 3x DP+ HDMi + type-C - require 8pin+6pin power connector



Specifications

Features:

WINDFORCE 3X COOLING SYSTEM
The WINDFORCE 3X cooling system features 3x 82mm unique blade fans, alternate spinning fan, 6 composite copper heat pipes, heat-pipe direct touch and 3D active fan functionality, together delivering an effective heat dissipation capacity for higher performance at lower temperatures.

ALTERNATE SPINNING
The GIGABYTE "Alternate Spinning" is the only solution that can solve the turbulent airflow of three fans. The biggest problem with the three fans is turbulence. Since the fans rotate in the same direction, the airflow direction is opposite between the fans, which will cause turbulent airflow and reduce heat dissipation efficiency. GIGABYTE turns the middle fan in the opposite direction, so that the airflow direction between the two fans is the same, reducing the turbulence and enhancing the airflow pressure.

UNIQUE BLADE FAN
The airflow is spilt by the triangular fan edge, and guided smoothly through the 3D stripe curve on the fan surface, effectively enhancing the airflow.

3D ACTIVE FAN
The 3D Active Fan provides semi-passive cooling, and the fans will remain off when the GPU is in a low load or low power game. It allows gamers to enjoy gameplay in complete silence when the system is running light or idle.

HEAT PIPES DIRECT TOUCH
The shape of the pure copper heat pipes maximizes the direct contact area with the GPU, enhancing heat transfer. The heat

pipes also cover the VRAM through a large metal plate contact to ensure proper cooling.

COMPOSITE HEAT-PIPE
The composite heat-pipe combines thermal conductivity and phase transition to efficiently manage the heat transfer between two solid interfaces which increases cooling capacity.

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.

Extreme durability and overclocking
The graphics card uses the 8+2 power phase design to allow the MOSFET to operate at lower temperature, and over-temperature protection design and load balancing for each MOSFET, plus the Ultra Durable certified chokes and capacitors, to provide excellent performance and longer system life. (Reference card is 7+2 power phases)

Protection Metal Back Plate
The metal back plate not only provides an aesthetical shape, but also enhances the structure of the graphics card to provide complete protection.

POWER INDICATORS
The smart power LED indicator alerts the player when any PCI-E power supply is abnormal.

NVIDIA NVLinkTM Support
Support for NVIDIA NVLinkTM (NVIDIA SLI) technology, which combines 2 identical GPUs with an GeForce RTX NVLink Bridge to deliver the ultimate experience in 4K gaming or VR gaming. You can also adjust the light effect on the bridge with the AORUS Engine.

IN TOTAL COMMAND
The interface and functionality of the software is subject to each model.

AORUS Engine
The cutting edge intuitive interface allows you to adjust the clock speed, voltage, fan performance and power target in real-time according to your game's requirements.

Specifications:

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Specifications	
Product Code	SC-G2070S-GoK
Graphics Processing	GeForce RTX 2070 SUPER
Core Clock	1815 MHz (Reference Card: 1770 MHz)
RTX-OPS	53
CUDA Cores	2560
Memory Clock	14000 MHz
Memory Size	8 GB
Memory Type	GDDR6

Memory Bus	256 bit
Memory Bandwidth (GB/sec)	448 GB/s
Card Bus	PCI-E 3.0 x 16
Digital max resolution	7680x4320@60Hz
Multi-view	4
Card size	L=286.5 W=114.5 H=50.2 mm
PCB Form	ATX
DirectX	12
OpenGL	4.5
Recommended PSU	650W
Power Connectors	8 Pin*1, 6 Pin*1
Output	DisplayPort 1.4 *3
	HDMI 2.0b *1
	USB Type-CTM(support VirtualLinkTM) *1
SLI support	2-way NVIDIA NVLINK

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-G2070S-GoK-Gigabyte-RTX2070Super-Gaming-OC-Black-8Gb-8192mb-DDR6-256bit-Graphics-p-230852.php

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