



## SPECIFICATIONS

|                            |                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Marketing Name             | GeForce RTX™ 5050 8G SHADOW 2X OC                                                                                       |
| Model Name                 | G5050-8S2C                                                                                                              |
| Graphics Processing Unit   | NVIDIA® GeForce RTX™ 5050                                                                                               |
| Interface                  | PCI Express® Gen 5 x16 (uses x8)                                                                                        |
| Core Clocks                | Extreme Performance: 2617 MHz (MSI Center)<br>Boost: 2602 MHz                                                           |
| CUDA® CORES                | 2560 Units                                                                                                              |
| Memory Speed               | 20 Gbps                                                                                                                 |
| Memory                     | 8GB GDDR6                                                                                                               |
| Memory Bus                 | 128-bit                                                                                                                 |
| Output                     | DisplayPort x 3 (v2.1b)<br>HDMI™ x 1 (As specified in HDMI™ 2.1b: up to 4K 480Hz or 8K 120Hz with DSC, Gaming VRR, HDR) |
| HDCP Support               | Y                                                                                                                       |
| Power consumption          | 130 W                                                                                                                   |
| Power connectors           | 8-pin x 1                                                                                                               |
| Recommended PSU            | 550 W                                                                                                                   |
| Card Dimension (mm)        | 197 x 120 x 40 mm                                                                                                       |
| Weight (Card / Package)    | 478 g / 812 g                                                                                                           |
| DirectX Version Support    | 12 Ultimate                                                                                                             |
| OpenGL Version Support     | 4.6                                                                                                                     |
| Maximum Displays           | 4                                                                                                                       |
| G-SYNC® technology         | Y                                                                                                                       |
| Digital Maximum Resolution | 7680 x 4320                                                                                                             |

## CONNECTIONS



1. DisplayPort
2. HDMI™

## FEATURES



### Dual Fan

Two fans and a huge heatsink ensure a cool and quiet experience for you.



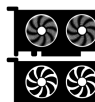
### TORX FAN 5.0

Fan blades linked by ring arcs and a fan cowl work together to stabilize and maintain high-pressure airflow.



### Reinforcing Backplate

The reinforcing backplate features a flow-through design that provides additional ventilation.



### Zero Frozr

The fans completely stop when temperatures are relatively low, eliminating all noise.



### Fuse

Additional fuses built into the custom PCB provide additional safeguards against electrical damage.



### DrMOS

DrMOS power stage solutions provide great efficiency with low power loss and enhanced voltage controls.



### MSI Center

The exclusive MSI Center software lets you monitor, tweak and optimize MSI products in real-time.



### Afterburner

Take full control with the most recognized and widely used graphics card overclocking software in the world.