



## SPECIFICATIONS

|                            |                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Marketing Name             | GeForce RTX™ 5080 16G INSPIRE 3X OC                                                                                     |
| Model Name                 | G5080-16I3C                                                                                                             |
| Graphics Processing Unit   | NVIDIA® GeForce RTX™ 5080                                                                                               |
| Interface                  | PCI Express® Gen 5                                                                                                      |
| Core Clocks                | Extreme Performance: 2655 MHz (MSI Center)<br>Boost: 2640 MHz                                                           |
| CUDA® CORES                | 10752 Units                                                                                                             |
| Memory Speed               | 30 Gbps                                                                                                                 |
| Memory                     | 16GB GDDR7                                                                                                              |
| Memory Bus                 | 256-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          | 360W                                                                                                                    |
| Power connectors           | 16-pin x1                                                                                                               |
| Recommended PSU            | 850W                                                                                                                    |
| Card Dimension (mm)        | 288 x 112 x 50 mm                                                                                                       |
| Weight (Card / Package)    | 950 g / 1437 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



### Triple Fan

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



### STORMFORCE FAN

Seven fan blades, claw texturing, and a circular arc are designed for optimal airflow with minimal noise.



### Nickel-plated Copper Baseplate

Heat from the GPU and memory is swiftly captured by a nickel-plated copper baseplate and transferred.



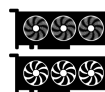
### Core Pipes

Core Pipes feature a square design to maximize contact with the GPU baseplate for optimal thermal management.



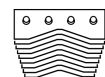
### Metal Backplate

A sturdy metal backplate strengthens the graphics card while the airflow vent design reduces excess heat.



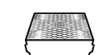
### Zero Frozr

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



### Air Antegrade Fin

Fins with a V-shaped cutout are located at the airflow passthrough to improve flow efficiency.



### Wave Curved 3.0

Additional efficiency is gained by adjusting the size of the wave edges under the fan motor and other spots where there is less airflow.



### 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.