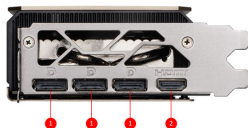


## SPECIFICATIONS

|                              |                                                                                                                         |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Marketing Name               | GeForce RTX™ 5070 12G INSPIRE 3X OC                                                                                     |
| Model Name                   | G5070-12I3C                                                                                                             |
| Graphics Processing Unit     | NVIDIA® GeForce RTX™ 5070                                                                                               |
| Cores                        | 6144 Units                                                                                                              |
| Memory                       | 12GB GDDR7                                                                                                              |
| Power connectors             | 16-pin x 1 (ATX 3.1 PSU recommended)                                                                                    |
| Bus Standard                 | PCI Express® Gen 5                                                                                                      |
| Memory Interface             | 192-bit                                                                                                                 |
| Core Clocks                  | Extreme Performance: 2557 MHz (MSI Center)<br>Boost: 2542 MHz                                                           |
| Memory Speed                 | 28 Gbps                                                                                                                 |
| Maximum Displays             | 4                                                                                                                       |
| Digital Maximum Resolution   | 7680 x 4320                                                                                                             |
| 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 (W)        | 250 W                                                                                                                   |
| Recommended Power Supply (W) | 650 W                                                                                                                   |
| DirectX Version Support      | 12 Ultimate                                                                                                             |
| OpenGL Version Support       | 4.6                                                                                                                     |
| Card Dimension(mm)           | 288 x 112 x 50 mm                                                                                                       |
| Weight                       | 914 g / 1312 g                                                                                                          |

## 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.



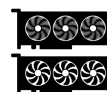
### Core Pipes

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



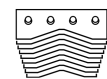
### Metal Backplate

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



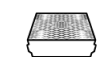
### Zero Frozr

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.