

## SPECIFICATIONS

|                            |                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Model Name                 | GeForce RTX™ 4070 SUPER 12G GAMING X SLIM WHITE                                                                                 |
| Graphics Processing Unit   | NVIDIA® GeForce RTX™ 4070 SUPER                                                                                                 |
| Interface                  | PCI Express® Gen 4                                                                                                              |
| Core Clocks                | Extreme Performance: 2655 MHz (MSI Center)<br>Boost: 2640 MHz                                                                   |
| CUDA® CORES                | 7168 Units                                                                                                                      |
| Memory Speed               | 21 Gbps                                                                                                                         |
| Memory                     | 12GB GDDR6X                                                                                                                     |
| Memory Bus                 | 192-bit                                                                                                                         |
| Output                     | DisplayPort x 3 (v1.4a)<br>HDMI™ x 1 (Supports 4K@120Hz HDR, 8K@60Hz HDR, and Variable Refresh Rate as specified in HDMI™ 2.1a) |
| HDCP Support               | Y                                                                                                                               |
| Power consumption          | 245 W                                                                                                                           |
| Power connectors           | 16-pin x 1                                                                                                                      |
| Recommended PSU            | 650 W                                                                                                                           |
| Card Dimension (mm)        | 307 x 125 x 46 mm                                                                                                               |
| Weight (Card / Package)    | 972g / 1585 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



### TRI FROZR 3

Stay cool and quiet. MSI's TRI FROZR 3 thermal design enhances heat dissipation all around the graphics card.



### TORX FAN 5.0

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



### Copper Baseplate

A solid nickel-plated copper baseplate transfers heat from the GPU to all heat pipes for better cooling.



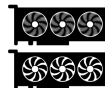
### Core Pipe

Precision-machined heat pipes ensure max contact to the GPU and spread heat along the full length of the heatsink.



### Airflow Control

Sections of different heatsink fins disrupt unwanted airflow harmonics and reduce noise.



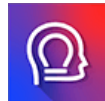
### Zero Frozr

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



### Metal Backplate

A sturdy backplate helps to strengthen the graphics card while a flow-through design reduces trapped heat.



### MSI Center

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