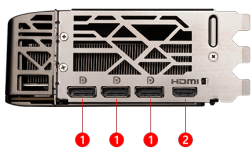




## SPECIFICATIONS

|                                   |  |
|-----------------------------------|--|
| <b>Model Name</b>                 | GeForce RTX™ 4070 Ti SUPER 16G EXPERT  |
| <b>Graphics Processing Unit</b>   | NVIDIA® GeForce RTX™ 4070 Ti SUPER   |
| <b>Interface</b>                  | PCI Express® Gen 4   |
| <b>Core Clocks</b>                | Extreme Performance: 2685 MHz (MSI Center)<br>Boost: 2670 MHz  |
| <b>CUDA® CORES</b>                | 8448 Units   |
| <b>Memory Speed</b>               | 21 Gbps  |
| <b>Memory</b>                     | 16GB GDDR6X  |
| <b>Memory Bus</b>                 | 256-bit  |
| <b>Output</b>                     | DisplayPort x 3 (v1.4a) HDMI™ x 1 (Supports 4K@120Hz HDR, 8K@60Hz HDR, and Variable Refresh Rate as specified in HDMI™ 2.1a) |
| <b>HDCP Support</b>               | Y  |
| <b>Power consumption</b>          | 285 W  |
| <b>Power connectors</b>           | 16-pin x 1   |
| <b>Recommended PSU</b>            | 700 W  |
| <b>Card Dimension (mm)</b>        | 312 x 141 x 61 mm  |
| <b>Weight (Card / Package)</b>    | 1668g / 2636g  |
| <b>DirectX Version Support</b>    | 12 Ultimate  |
| <b>OpenGL Version Support</b>     | 4.6  |
| <b>Maximum Displays</b>           | 4  |
| <b>G-SYNC® technology</b>         | Y  |
| <b>Digital Maximum Resolution</b> | 7680 x 4320  |

## CONNECTIONS



1. DisplayPort
2. HDMI™

## FEATURES



### Flow Frozr

Stay cool and silent, MSI's Flow Frozr thermal design enhances graphics card heat dissipation.



### Patented Fan Design

The unique design features a distinctive appearance and enhances airflow to improve heat dissipation capability.



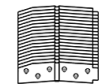
### Copper Baseplate

Heat from the GPU and memory modules is captured by a copper baseplate and then rapidly transferred to Core Pipes.



### Core Pipe

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



### V-shaped Fins

Fins with a V-shaped cutout influence airflow inclination angles, which enhance flow efficiency.



### Push Pull Airflow

Cooling efficiency is improved with two fans working collaboratively to reduce heat buildup.



### Aluminum Die-Casting

Overall structural integrity is enhanced with metal material while the flow-through ventilation reduces trapped heat.



### Zero Frozr

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