# GeForce RTX™ 4070 Ti SUPER 16G GAMING X SLIM



## SPECIFICATIONS

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|---|---|
| **Model Name** | GeForce RTX™ 4070 Ti SUPER 16G GAMING X SLIM |
| **Graphics Processing Unit** | NVIDIA® GeForce RTX™ 4070 Ti SUPER |
| **Interface** | PCI Express® Gen 4 |
| **Core Clocks** | Extreme Performance: 2685 MHz (MSI Center) Boost: 2670 MHz |
| **CUDA® CORES** | 8448 Units |
| **Memory Speed** | 21 Gbps |
| **Memory** | 16GB GDDR6X |
| **Memory Bus** | 256-bit |
| **Output** | DisplayPort x 3 (v1.4a) HDMI™ x 1 (Supports 4K@120Hz HDR and 8K@60Hz HDR and Variable Refresh Rate (VRR) as specified in HDMI 2.1a) |
| **HDCP Support** | Y |
| **Power consumption** | 285 W |
| **Power connectors** | 16-pin x 1 |
| **Recommended PSU** | 700 W |
| **Card Dimension (mm)** | 307 x 125 x 51 mm |
| **Weight (Card / Package)** | 1094 g / 1676 g |
| **DirectX Version Support** | 12 Ultimate |
| **OpenGL Version Support** | 4.6 |
| **Maximum Displays** | 4 |
| **G-SYNC® technology** | Y |
| **Digital Maximum Resolution** | 7680 x 4320 |
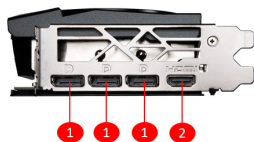
## FEATURES

**TORX FAN 5.0**

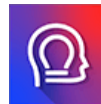Fan blades linked by ring arcs and a fan cowl work together to stabilize and maintain high-pressure airflow.

**Airflow Control**

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

**TRI FROZR 3**

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

**MSI Center**

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

**Metal Backplate**

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

**Zero Frozr**

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

**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.

## CONNECTIONS



1. DisplayPort
2. HDMI™

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