



# msi

GRAPHICS CARD

# GeForce RTX 2070 SUPER™ GAMING X



## SPECIFICATION

<b>Model Name</b>	GeForce RTX 2070 SUPER™ GAMING X
<b>Graphics Processing Unit</b>	NVIDIA® GeForce® RTX 2070 SUPER™
<b>Interface</b>	PCI Express x16 3.0
<b>Cores</b>	2560 Units
<b>Core Clocks</b>	Boost: 1800 MHz
<b>Memory Speed</b>	14 Gbps
<b>Memory</b>	8GB GDDR6
<b>Memory Bus</b>	256-bit
<b>Output</b>	DisplayPort x 3 (v1.4) / HDMI 2.0b x 1
<b>HDCP Support</b>	2.2
<b>Power consumption</b>	215W
<b>Power connectors</b>	6-pin x 1 / 8-pin x 1
<b>Recommended PSU</b>	650W
<b>Card Dimension(mm)</b>	297 x 143 x 56 mm
<b>Weight (Card / Package)</b>	1421g / 1969g
<b>DirectX Version Support</b>	12 API
<b>OpenGL Version Support</b>	4.5
<b>Multi-GPU Technology</b>	NVIDIA® NVLink™ (SLI-Ready), 2-way
<b>Maximum Displays</b>	4
<b>VR Ready</b>	Y
<b>G-SYNC® technology</b>	Y
<b>Adaptive Vertical Sync</b>	Y
<b>Digital Maximum Resolution</b>	7680 x 4320

## CONNECTIONS



1. DisplayPort
2. HDMI

## FEATURE



### TORX FAN 3.0

Award-winning fan design combining two different fin designs for cool & quiet gaming.



### Mastery of Aerodynamics

Using groundbreaking aerodynamic techniques, the heatsink is optimized for efficient heat dissipation.



### ZERO FROZR

Eliminates fan noise by stopping the fans in low-load situations so you can focus on your game.



### CUSTOM PCB

An optimized PCB design with enhanced power delivery provides a solid base for high performance gaming.



### SOLID BACKPLATE

Increases toughness of the card to prevent bending while complementing the design.



### RGB Mystic Light

Customize colors and LED effects with exclusive MSI software and synchronize the look & feel with other components.



### MSI Afterburner

The ultimate overclocking software with advanced control options and real-time hardware monitor.