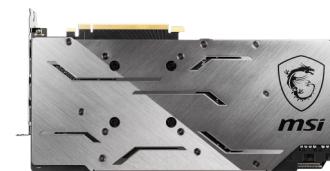


**msi**

GRAPHICS CARD

**GeForce RTX 2070 GAMING Z 8G**

## SPECIFICATIONS

Model Name	GeForce RTX™ 2070 GAMING Z 8G
Graphics Processing Unit	NVIDIA® GeForce RTX™ 2070
Interface	PCI Express x16 3.0
Core Name	TU106-400A
Cores	2304 Units
Core Clocks	Boost: 1830 MHz Base: 1410 MHz
Memory Speed	14 Gbps
Memory	8GB GDDR6
Memory Bus	256-bit
Output	DisplayPort x 3 (v1.4) / HDMI 2.0b x 1 / USB Type-C x 1
HDCP Support	2.2
Power consumption	225 W
Power connectors	8-pin x 1, 6-pin x 1
Recommended PSU	550W
Card Dimension(mm)	307 x 155 x 50 mm
Weight (Card / Package)	1485 g / 2033 g
Afterburner OC	Y
DirectX Version Support	12 API
OpenGL Version Support	4.5
Maximum Displays	4
VR Ready	Y
G-SYNC™ technology	Y
Adaptive Vertical Sync	Y
Digital Maximum Resolution	7680 x 4320
Accessories	Graphics Card Support Bracket x 1

## CONNECTIONS



1. DisplayPort
2. HDMI
3. USB Type-C

**TRUE GAMING**

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## FEATURES



### TORX FAN 3.0

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



### DOUBLE BALL BEARINGS

Strong and lasting core for the TORX Fan 3.0 to provide years of smooth and silent 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.