



SPECIFICATIONS

Model Name	GeForce RTX™ 2070 GAMING X 8G
Graphics Processing Unit	NVIDIA® GeForce RTX™ 2070
Interface	PCI Express x16 3.0
Core Clocks	Boost: 1710 MHz
CUDA® CORES	2304 Units
Memory Speed	14 Gbps
Memory	8GB GDDR6
Memory Bus	256-bit
Output	DisplayPort x 3 (v1.4a) HDMI™ x 1(Supports 4K@60Hz as specified in HDMI™ 2.0b) 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	550 W
Card Dimension (mm)	295 x 140 x 56 mm
Weight (Card / Package)	1485 g / 2033 g
DirectX Version Support	12 API
OpenGL Version Support	4.5
Afterburner OC	Y
Maximum Displays	4
VR Ready	Y
G-SYNC® technology	Y
Adaptive Vertical Sync	Y
Digital Maximum Resolution	7680x4320

CONNECTIONS



1. DisplayPort
2. HDMI™
3. USB Type-C

FEATURES



MSI Afterburner

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



RGB LED

Make your build look on fire or cold as ice. You are in control. Customize colors and effects with RGB LED.



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.



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.



Mastery of Aerodynamics

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