GeForce GTX 1080 GAMING Z 8G

SPECIFICATIONS

Model Name	GeForce® GTX 1080 GAMING Z 8G
Graphics Processing Unit	NVIDIA® GeForce® GTX 1080
Interface	PCI Express x16 3.0
Core Clocks	1911 MHz / 1771 MHz (OC Mode) 1873 MHz / 1733 MHz (Gaming Mode) 1733 MHz / 1607 MHz (Silent Mode)
CUDA® CORES	2560 Units
Memory Speed	10108 MHz (OC Mode) 10108 MHz (Gaming Mode) 10010 MHz (Silent Mode)
Memory	8GB GDDR5X (256-bit)
Output	DisplayPort x 3 (Version 1.4) / HDMI™ 2.0b / DL-DVI-D
HDCP Support	2.2
Power consumption	180 W
Power connectors	6-pin x 1, 8-pin x 1
Recommended PSU	500 W
Card Dimension (mm)	279 x 140 x 42 mm
Weight (Card / Package)	1112 g / 1705 g
DirectX Version Support	12
OpenGL Version Support	4.5
Multi-GPU Technology	SLI, 2-Way
Afterburner OC	Y
Maximum Displays	4
VR Ready	Y
G-SYNC® technology	Y
Adaptive Vertical Sync	Y
Digital Maximum Resolution	7680x4320

CONNECTIONS

FEATURES

MSI Afterburner

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

MSI Gaming App

One-click performance profiles and many other premium features to get the most out of your MSI GAMING card.

Solid Black Backplate

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

Military Class 4 Components

Using only the highest quality components means you get reliable and stable in-game performance.

RGB LED

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

Double Ball Bearings

Strong and lasting core for the TORX Fan 2.0 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.

VR Ready

Certified to provide the performance required for a smooth experience in your VR adventures.

TORX FAN 2.0

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

1. DisplayPort
2. HDMI™
3. DVI-D