



# msi

GRAPHICS CARD  
**GAMING X 8G**

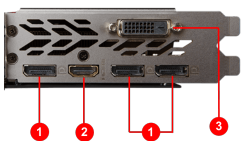
# GEFORCE® GTX 1080



## SPECIFICATION

Model Name	GeForce® GTX 1080 GAMING X 8G
Graphics Processing Unit	NVIDIA® GeForce® GTX 1080
Interface	PCI Express x16 3.0
Cores	2560 Units
Core Clocks	1847 MHz / 1708 MHz (OC Mode) 1822 MHz / 1683 MHz (Gaming Mode) 1733 MHz / 1607 MHz (Silent Mode)
Memory Speed	10108 MHz (OC Mode) 10010 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)	1100 g / 1703 g
DirectX Version Support	12
OpenGL Version Support	4.5
Multi-GPU Technology	SLI, 2-Way
Maximum Displays	4
VR Ready	Y
G-SYNC® technology	Y
Adaptive Vertical Sync	Y
Digital Maximum Resolution	7680x4320

## CONNECTIONS



1. DisplayPort
2. HDMI
3. DVI-D

## FEATURE



### TORX FAN 2.0

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



### Double Ball Bearings

Strong and lasting core for the TORX Fan 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.



### RGB Mystic Light

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



### Military Class 4 Components

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



### Solid Black Backplate

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



### VR Ready

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



### MSI Gaming App

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