



# msi

## GRAPHICS CARD GEFORCE® GTX 1080 GAMING X 8G



### SPECIFICATIONS

<b>Model Name</b>	GeForce® GTX 1080 GAMING X 8G
<b>Graphics Processing Unit</b>	NVIDIA® GeForce® GTX 1080
<b>Interface</b>	PCI Express x16 3.0
<b>Core Name</b>	GP104-400
<b>Cores</b>	2560 Units
<b>Core Clocks</b>	1847 MHz / 1708 MHz (OC Mode) 1822 MHz / 1683 MHz (Gaming Mode) 1733 MHz / 1607 MHz (Silent Mode)
<b>Memory Clock Speed</b>	10108 MHz (OC Mode) 10010 MHz (Gaming Mode) 10010 MHz (Silent Mode)
<b>Memory</b>	8GB GDDR5X (256-bit)
<b>Output</b>	DisplayPort x 3 (Version 1.4) / HDMI 2.0b / DL-DVI-D
<b>HDCP Support</b>	2.2
<b>Power consumption</b>	180 W
<b>Power connectors</b>	6-pin x 1, 8-pin x 1
<b>Recommended PSU</b>	500 W
<b>Card Dimension(mm)</b>	279 x 140 x 42 mm
<b>Weight (Card / Package)</b>	1100 g / 1703 g
<b>Afterburner OC</b>	Y
<b>DirectX Version Support</b>	12
<b>OpenGL Version Support</b>	4.5
<b>Multi-GPU Technology</b>	SLI, 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
3. DVI-D

### FEATURES



#### 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 2.0 Fans 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.