



# 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>	GP104-410
<b>Stream Processors</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>	11110 MHz (OC) 11010 MHz (Gaming / Silent)
<b>Memory</b>	8GB GDDR5X
<b>Memory Bus</b>	256-bit
<b>Output</b>	DisplayPort x 3 / HDMI / 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>	277 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

### FEATURES

The Ultimate GAMING: TWIN FROZR VI

- Smooth Heat Pipes: Squared shape at bottom maximize heat transfer from the copper base plate.
- Zero Frozr: Stopping the fan in low-load situations, keeping a noise-free environment.
- Airflow Control Technology: Deflectors thrusts air onto heat pipes for lower temperatures and better gaming.

TORX FAN 2.0: Supremely silent

- Dispersion fan blade: Steeper curved blade accelerating the airflow.
- Traditional fan blade: Provides steady airflow to massive heat sink below.
- Double ball bearing: Strong and lasting core for years of smooth gaming.

Gaming App

- Instant Performance Gain: Unlock extra performance or keep your card silent during light use in one click.
- LED control: Full control on your RGB GAMING LEDs to set the mood.

For more information check our [Product page](#)

This datasheet was generated on Apr 12 2017

Product specifications and colors are subject to change without notice and may vary from those shown. Errors and omissions excepted.