



# 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 1847 MHz / 1708 MHz (OC Mode) 1822 MHz / 1683 MHz (Gaming Mode) 1733 MHz / 1607 MHz (Silent Mode)
<b>Core Clocks</b>	10108 MHz (OC Mode)
<b>Memory Clock Speed</b>	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 (Version 2.0) / 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

### FEATURES

#### Video Output Function

- DisplayPort x 3
- HDMI x 1
- Dual-link DVI-D x 1

#### Features

- Virtual Reality Ready
- DirectX 12 Ready
- Great for 4K
- Gamestream to NVIDIA® SHIELD

For more information check our [Product page](#)  
 This datasheet was generated on Sep 20 2017

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