



# msi

GRAPHICS CARD

## GEFORCE® GTX 1080 TI GAMING X 11G



### SPECIFICATIONS

|                                 |   |
|---------------------------------|---|
| <b>Model Name</b>               | GeForce® GTX 1080 Ti GAMING X 11G   |
| <b>Graphics Processing Unit</b> | NVIDIA® GeForce® GTX 1080 Ti  |
| <b>Interface</b>                | PCI Express x16 3.0   |
| <b>Core Name</b>                | GP102-350   |
| <b>Cores</b>                    | 3584 Units  |
| <b>Core Clocks</b>              | 1683 MHz / 1569 MHz (OC Mode)<br>1657 MHz / 1544 MHz (Gaming Mode)<br>1582 MHz / 1480 MHz (Silent Mode) |
| <b>Memory Clock Speed</b>       | 11124 MHz (OC Mode)<br>11016 MHz (Gaming / Silent )   |
| <b>Memory</b>                   | 11GB GDDR5X   |
| <b>Memory Bus</b>               | 352-bit   |
| <b>Output</b>                   | DisplayPort x 2 (Version 1.4) / HDMI x 2 (Version 2.0)<br>/ DL-DVI-D                                    |
| <b>HDCP Support</b>             | 2.2   |
| <b>Power consumption</b>        | 250 W   |
| <b>Power connectors</b>         | 8-pin x 2   |
| <b>Recommended PSU</b>          | 600 W   |
| <b>Card Dimension(mm)</b>       | 290 x 140 x 51 mm   |
| <b>Weight (Card / Package)</b>  | 1257 g / 1986 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 Jul 23 2017

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