



GeForce® GTX 1080 GAMING Z 8G

msi Graphics Card



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.
- **Mobile APP**
Control your graphics card from your phone.



Product Specifications

Model Name	GeForce® GTX 1080 GAMING Z 8G
Model	V336
Graphics Processing Unit (GPU)	NVIDIA GeForce® GTX 1080
Interface	PCI Express x16 3.0
Core name	GP104-400
CUDA Core	2560 Units
Boost / Base Core Clock (OC)	1911 / 1771 MHz
Memory Clock (OC)	10108 MHz
Memory Size	8GB GDDR5X
Memory Bus	256-bit
Output	DisplayPort x 3 / HDMI / DL-DVI-D
Power Consumption / Connector	180 W / 6-pin x 1, 8-pin x 1
Recommended PSU	500 W
Card Dimension	279*140*42 mm
Weight (Card / Package)	1112 g / 1705 g
Form Factor	ATX

Technology Support

Afterburner OC	Y
DirectX™	12
OpenGL	4.5
Multi-GPU technology	SLI®, 2-Way
Multi-Display technology	Simultaneous Multi-Projection
Maximum Displays	4
VR Ready	Y
GameWorks™ technology	Y
GameStream™ technology	Y
G-SYNC™ technology	Y
Adaptive Vertical Sync	Y
HDCP Capable	2.2
NVIDIA Ansel	Y
Power Saving technology	GPU Boost™ 3.0
Accessories	
Driver CD	Y
Installation Guide	Y