



msi

GRAPHICS CARD

GEFORCE® GTX 1080 TI LIGHTNING Z



SPECIFICATIONS

Model Name	GeForce® GTX 1080 Ti LIGHTNING Z
Graphics Processing Unit	NVIDIA® GeForce® GTX 1080 Ti
Interface	PCI Express x16 3.0
Core Name	GP102-350
Cores	3584 Units
Core Clocks	1721 MHz / 1607 MHz (Lightning Mode) 1695 MHz / 1582 MHz (Gaming Mode) 1582 MHz / 1480 MHz (Silent Mode)
Memory Clock Speed	11124 MHz (Lightning / Gaming Mode) 11016 MHz (Silent mode)
Memory	11GB GDDR5X
Memory Bus	352-bit
Output	DisplayPort x 2 (Version 1.4) / HDMI x 2 (Version 2.0b) / DL-DVI-D
HDCP Support	2.2
Power consumption	250 W
Power connectors	8-pin x 3
Recommended PSU	750 W
Card Dimension(mm)	320 x 140 x 61 mm
Weight (Card / Package)	1707 g / 2988 g
DirectX Version Support	12
OpenGL Version Support	4.5
Multi-GPU Technology	SLI, 2-Way
Maximum Displays	4
VR Ready	Y
G-SYNC™ technology	Y
Adaptive Vertical Sync	Y

FEATURES

TRI-FROZR Thermal Design

- Using three of the award-winning TORX 2.0 Fans with Double Ball Bearings, the new LIGHTNING is once again the pinnacle of air cooling.

Close Quarters Heat Pipe Cooling

- Pipe down with heat pipes infused into the Close Quarters Heatsink and Backplate for greatly improved thermal performance.

Legendary OC Potential

- MSI LIGHTNING cards are designed from the ground up for extreme overclocking and extreme performance.

Military Class 4 Components

- Certified to MIL-STD-810G standards for top stability and quality.
- Built with Hi-c CAP, Solid CAP, DrMOS and New SFC components.

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

This datasheet was generated on Jul 4 2017

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