



SPECIFICATIONS

Model Name	GeForce® GTX 1080 Ti LIGHTNING X
Graphics Processing Unit	NVIDIA® GeForce® GTX 1080 Ti
Cores	3584 Units
Memory	11GB GDDR5X
Bus Standard	PCI Express x16 3.0
Memory Interface	352-bit
Core Clocks	1683 MHz / 1569 MHz (Lightning Mode) 1657 MHz / 1544 MHz (Gaming Mode) 1582 MHz / 1480 MHz (Silent Mode)
Memory Speed	11124 MHz (Lightning / Gaming Mode) 11016 MHz (Silent mode)
Maximum Displays	4
Multi-GPU Technology	SLI, 2-Way
Power consumption (W)	250 W
Output	DisplayPort x 2 (Version 1.4) / HDMI™ x 2 (Version 2.0b) / DL-DVI-D
HDCP Support	2.2
Virtual Reality Ready	Y
Recommended Power Supply (W)	750 W
DirectX Version Support	12
OpenGL Version Support	4.5
Card Dimension(mm)	320 x 140 x 61 mm
Weight	1707 g / 2988 g

CONNECTIONS



1. HDMI™
2. DisplayPort
3. DVI-D

FEATURES



MSI Afterburner

The ultimate overclocking software with advanced control options and real-time hardware monitor.



Military Class 4 Components

Using only the highest quality components means you get reliable and stable in-game performance.



RGB LED

Make your build look on fire or cold as ice. You are in control. Customize colors and effects with RGB LED.



Double Ball Bearings

Strong and lasting core for the TORX Fan 2.0 to provide years of smooth and silent gaming.



LEGENDARY OVERCLOCKING POTENTIAL

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



TRI-FROZR THERMAL DESIGN

Using three of the award-winning TORX Fans 2.0 with Double Ball Bearings, Tri-Frozr is the pinnacle of air cooling.



PERSONALIZE YOUR CARD

Customize your graphics card by applying the color highlights of your choice.



PURE DIGITAL PWM CONTROL

Enables extremely accurate control and monitoring of power delivery to specific key components.



CLOSE QUARTERS HEAT PIPES

Heat pipes infused into the Close Quarters Heatsink and Backplate for greatly improved thermal performance.