



# msi

GRAPHICS CARDS

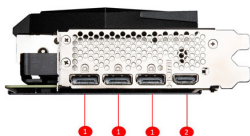
## GeForce RTX 3080 GAMING Z TRIO 12G LHR



### SPECIFICATIONS

<b>Model Name</b>	GeForce RTX™ 3080 GAMING Z TRIO 12G LHR
<b>Graphics Processing Unit</b>	NVIDIA® GeForce RTX™ 3080
<b>Interface</b>	PCI Express® Gen 4
<b>Cores</b>	8960 Units
<b>Core Clocks</b>	Boost: 1815 MHz
<b>Memory Speed</b>	19 Gbps
<b>Memory</b>	12GB GDDR6X
<b>Memory Bus</b>	384-bit
<b>Output</b>	DisplayPort x 3 (v1.4a) HDMI x 1 (Supports 4K@120Hz as specified in HDMI 2.1)
<b>HDCP Support</b>	Y
<b>Power consumption</b>	390W
<b>Power connectors</b>	8-pin x 3
<b>Recommended PSU</b>	750W
<b>Card Dimension (mm)</b>	323 x 140 x 56mm
<b>Weight (Card / Package)</b>	1566g/2351g
<b>DirectX Version Support</b>	12 API
<b>OpenGL Version Support</b>	4.6
<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>	7680x4320

### CONNECTIONS



1. DisplayPort
2. HDMI

### FEATURES



#### TRI FROZR 2

TRI FROZR 2 offers the perfect balance between cool temperatures and quiet fans during endless gaming sessions.



#### TORX FAN 4.0

A masterpiece of teamwork, fan blades work in pairs to create unprecedented levels of focused air pressure.



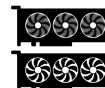
#### Core Pipe

Precision-machined heat pipes ensure max contact and spread heat along the full length of the heatsink.



#### Airflow Control

Don't sweat it, Airflow Control guides the air to exactly where it needs to be for maximum cooling.



#### Zero Frozr

Zero Frozr is the calm before the storm, keeping fans still and maintaining silence until cooling is needed.



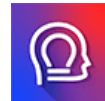
#### Aluminum Backplate

Thermal pads beneath the sturdy metal backplate provide additional cooling.



#### Mystic Light

Mystic Light gives you complete control of the RGB lighting for MSI devices and compatible RGB products.



#### MSI Center

The exclusive MSI Center software lets you monitor, tweak and optimize MSI products in real-time.