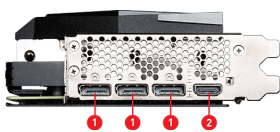




## SPECIFICATIONS

|                                   |  |
|-----------------------------------|--|
| <b>Model Name</b>                 | GeForce RTX™ 3070 Ti GAMING X TRIO 8G  |
| <b>Graphics Processing Unit</b>   | NVIDIA® GeForce RTX™ 3070 Ti   |
| <b>Interface</b>                  | PCI Express® Gen 4   |
| <b>Cores</b>                      | 6144 Units   |
| <b>Core Clocks</b>                | Boost: 1830 MHz  |
| <b>Memory Speed</b>               | 19 Gbps  |
| <b>Memory</b>                     | 8GB GDDR6X   |
| <b>Memory Bus</b>                 | 256-bit  |
| <b>Output</b>                     | DisplayPort x 3 (v1.4a)<br>HDMI x 1 (Supports 4K@120Hz as specified in HDMI 2.1) |
| <b>HDCP Support</b>               | Y  |
| <b>Power consumption</b>          | 310 W  |
| <b>Power Connectors</b>           | 8-pin x2   |
| <b>Recommended PSU (W)</b>        | 750 W  |
| <b>Card Dimension(mm)</b>         | 323 x 140 x 56 mm  |
| <b>Weight (Card / Package)</b>    | 1515 g / 2343 g  |
| <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> | 7680 x 4320  |

## CONNECTIONS



1. DisplayPort
2. HDMI

## FEATURES



### Mystic Light

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



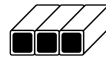
### TRI FROZR 2

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.



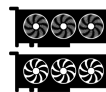
### Core Pipe

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.



### MSI Center

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