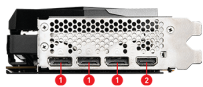




## SPECIFICATIONS

|                                   |                                                                                  |
|-----------------------------------|----------------------------------------------------------------------------------|
| <b>Model Name</b>                 | GeForce RTX™ 3060 GAMING 12G                                                     |
| <b>Graphics Processing Unit</b>   | NVIDIA® GeForce RTX™ 3060                                                        |
| <b>Interface</b>                  | PCI Express® Gen 4                                                               |
| <b>Cores</b>                      | 3584 Units                                                                       |
| <b>Core Clocks</b>                | Boost: 1777 MHz                                                                  |
| <b>Memory Speed</b>               | 15 Gbps                                                                          |
| <b>Memory</b>                     | 12GB GDDR6                                                                       |
| <b>Memory Bus</b>                 | 192-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>          | 170 W                                                                            |
| <b>Power connectors</b>           | 8-pin x1 / 6-pin x1                                                              |
| <b>Recommended PSU</b>            | 550 W                                                                            |
| <b>Card Dimension (mm)</b>        | 276 x 131 x 51 mm                                                                |
| <b>Weight (Card / Package)</b>    | 996 g / 1567 g                                                                   |
| <b>DirectX Version Support</b>    | 12 API                                                                           |
| <b>OpenGL Version Support</b>     | 4.6                                                                              |
| <b>NVLink Support</b>             | N/A                                                                              |
| <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



### TWIN FROZR 8

TWIN FROZR 8 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.



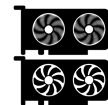
### Airflow Control

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



### Dragon Center

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



### 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.