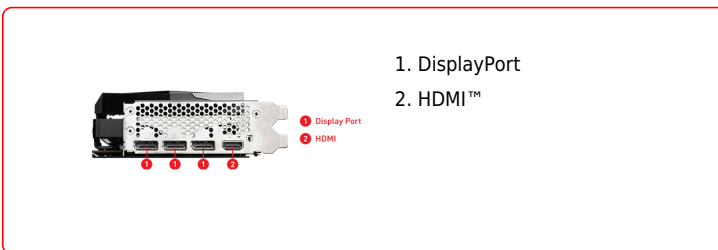




## SPECIFICATIONS

<b>Memory</b>	12GB GDDR6
<b>HDCP Support</b>	Y
<b>Graphics Engine</b>	NVIDIA® GeForce RTX™ 3060
<b>Bus Standard</b>	PCI Express® Gen 4
<b>Memory Interface</b>	192-bit
<b>Core Clock Speed(MHz)</b>	Boost: 1777 MHz
<b>Memory Clock Speed(MHz)</b>	15 Gbps
<b>NVLink Support</b>	N/A
<b>Maximum Displays</b>	4
<b>Output</b>	DisplayPort x 3 (v1.4a) HDMI™ x 1 (Supports 4K@120Hz as specified in HDMI™ 2.1)
<b>Power consumption (W)</b>	170 W
<b>Virtual Reality Ready</b>	Y
<b>Digital Maximum Resolution</b>	7680x4320
<b>Recommended Power Supply (W)</b>	550 W
<b>Power Connectors</b>	8-pin x1 / 6-pin x1
<b>DirectX Version Support</b>	12 API
<b>OpenGL Version Support</b>	4.6
<b>Mic-in/Headphone-out</b>	1/1
<b>Card Dimension(mm)</b>	276 x 131 x 51 mm
<b>Weight</b>	996 g / 1567 g

## CONNECTIONS



## FEATURES

- TWIN FROZR 8**  
 TWIN FROZR 8 offers the perfect balance between cool temperatures and quiet fans during endless gaming sessions.
- Zero Frozr**  
 The fans completely stop when temperatures are relatively low, eliminating all noise.
- TORX FAN 4.0**  
 A masterpiece of teamwork, fan blades work in pairs to create unprecedented levels of focused air pressure.
- Airflow Control**  
 Don't sweat it, Airflow Control guides the air to exactly where it needs to be for maximum cooling.
- Core Pipe**  
 Precision-machined heat pipes ensure max contact to the GPU and spread heat along the full length of the heatsink.
- Metal Backplate**  
 Thermal pads under the sturdy metal backplate provide additional cooling while the flow-through ventilation reduces trapped heat.
- Dragon Center**  
 MSI's exclusive Dragon Center software lets you monitor, tweak and optimize MSI products in real-time.
- Mystic Light**  
 Mystic Light gives you complete control of the RGB lighting for MSI devices and compatible RGB products.