

**msi**

GRAPHICS CARDS

**GeForce RTX™ 3070 VENTUS 3X 8G OC  
LHR**

## SPECIFICATIONS

<b>Model Name</b>	GeForce RTX™ 3070 VENTUS 3X 8G OC LHR
<b>Graphics Processing Unit</b>	NVIDIA® GeForce RTX™ 3070
<b>Interface</b>	PCI Express® Gen 4
<b>Cores</b>	5888 Units
<b>Core Clocks</b>	1755 MHz
<b>Memory Speed</b>	14 Gbps
<b>Memory</b>	8GB GDDR6
<b>Memory Bus</b>	256-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>	220 W
<b>Power connectors</b>	8-pin x 2
<b>Recommended PSU</b>	650 W
<b>Card Dimension (mm)</b>	305 x 121 x 52 mm
<b>Weight (Card / Package)</b>	991.6g / 1586.6g
<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

## FEATURES

### Triple Fan



Three fans and a huge heatsink ensure a cool and quiet experience for you.

### Anti Bending



Solid build quality in key areas is strengthened with a rigid metal anti-bending strap.



The award-winning MSI TORX Fan 3.0 design creates high static pressure and pushes the limits of thermal performance.



### Core Pipe

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



### Graphene Backplate

A composite Graphene backplate reinforces the graphics card while providing passive thermal conduction properties.



### Custom PCB

The custom PCB has been engineered with hardened circuits and optimized trace routing for performance and reliability.



### MSI Center

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

## CONNECTIONS



1. DisplayPort
2. HDMI