

**msi**

GRAPHICS CARD

**GeForce RTX™ 3070 VENTUS 3X OC**

## SPECIFICATIONS

<b>Model Name</b>	GeForce RTX™ 3070 VENTUS 3X OC
<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 2.1 x 1
<b>HDCP Support</b>	Y
<b>Power consumption</b>	220 W
<b>Power Connectors</b>	8-pin x 2
<b>Recommended PSU (W)</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

## CONNECTIONS



1. DisplayPort
2. HDMI

## 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.



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



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



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



### Dragon Center

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