



# msi

GRAPHICS CARDS

## GeForce RTX™ 3070 VENTUS 3X PLUS 8G OC LHR



### SPECIFICATIONS

<b>Model Name</b>	GeForce RTX™ 3070 VENTUS 3X PLUS 8G OC LHR
<b>Graphics Processing Unit</b>	NVIDIA® GeForce RTX™ 3070
<b>Interface</b>	PCI Express® Gen 4
<b>Core Clocks</b>	1755 MHz
<b>CUDA® CORES</b>	5888 Units
<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>	992g / 1587g
<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

- Anti Bending**  
 Solid build quality in key areas is strengthened with a rigid metal anti-bending strap.
- Triple Fan**  
 Three fans and a huge heatsink ensure a cool and quiet experience for you.
- TORX FAN 3.0**  
 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.
- Custom PCB**  
 The custom PCB has been engineered with hardened circuits and optimized trace routing for performance and reliability.
- Aluminum Backplate**  
 Thermal pads beneath the sturdy metal backplate provide additional cooling.
- Dragon Center**  
 MSI's exclusive Dragon Center software lets you monitor, tweak and optimize MSI products in real-time.

### CONNECTIONS

