



msi

GRAPHICS CARD



GeForce RTX™ 3070 VENTUS 3X OC



SPECIFICATION

Model Name	GeForce RTX™ 3070 VENTUS 3X OC
Graphics Processing Unit	NVIDIA® GeForce RTX™ 3070
Interface	PCI Express® Gen 4
Cores	5888 Units
Core Clocks	1755 MHz
Memory Speed	14 Gbps
Memory	8GB GDDR6
Memory Bus	256-bit
Output	DisplayPort x 3 (v1.4a) / HDMI 2.1 x 1
HDCP Support	Y
Power consumption	220 W
Power connectors	8-pin x 2
Recommended PSU	650 W
Card Dimension (mm)	305 x 121 x 52 mm
Weight (Card / Package)	991.6g / 1586.6g
DirectX Version Support	12 API
OpenGL Version Support	4.6
Maximum Displays	4
VR Ready	Y
G-SYNC® technology	Y
Adaptive Vertical Sync	Y
Digital Maximum Resolution	7680 x 4320

CONNECTIONS



1. DisplayPort
2. HDMI

FEATURE

Graphene Backplate

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

Core Pipe

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

Triple Fan Thermal Design

- **TORX Fan 3.0:** The award-winning MSI TORX Fan 3.0 design creates high static pressure and pushes the limits of thermal performance.
- **Zero Frozr:** Calm before the storm, keeping fans still and maintaining silence until cooling is needed.
- **Thermal Padding:** An abundance of thermal pads use any chance for additional heat transfer directly from the components.

Dragon Center

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