



SPECIFICATIONS

Model Name	GeForce RTX™ 3070 VENTUS 3X 8G OC LHR
Cores	5888 Units
Memory	8GB GDDR6
Graphics Engine	NVIDIA® GeForce RTX™ 3070
Interface	PCI Express® Gen 4
Memory Interface	256-bit
Core Clock Speed(MHz)	1755 MHz
Memory Clock Speed(MHz)	14 Gbps
Maximum Displays	4
G-SYNC™ technology	Y
Adaptive Vertical Sync	Y
Multi-GPU Technology	Y
HDCP Support	Y
Power consumption (W)	220 W
Output	DisplayPort x 3 (v1.4a) HDMI™ x 1 (Supports 4K@120Hz as specified in HDMI™ 2.1)
Recommended Power Supply (W)	650 W
Digital Maximum Resolution	7680 x 4320
Virtual Reality Ready	Y
Power Connectors	8-pin x 2
DirectX Version Support	12 API
OpenGL Version Support	4.6
Card Dimension(mm)	305 x 121 x 52 mm

CONNECTIONS



1. DisplayPort
2. HDMI™

FEATURES



Anti Bending

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



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 to the GPU 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.



Triple Fan

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



MSI Center

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



Graphene Backplate

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