



msi

GRAPHICS CARDS

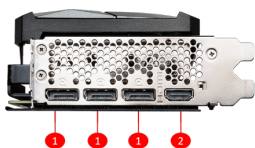
GeForce RTX™ 3070 Ti VENTUS 3X 8G



SPECIFICATIONS

| | |
|----------------------------|--|
| Model Name | GeForce RTX™ 3070 Ti VENTUS 3X 8G |
| Graphics Processing Unit | NVIDIA® GeForce RTX™ 3070 Ti |
| Interface | PCI Express® Gen 4 |
| Cores | 6144 Units |
| Core Clocks | Boost: 1770 MHz |
| Memory Speed | 19 Gbps |
| Memory | 8GB GDDR6X |
| Memory Bus | 256-bit |
| Output | DisplayPort x 3 (v1.4a) HDMI x 1 (Supports 4K@120Hz as specified in HDMI 2.1) |
| HDCP Support | Y |
| Power consumption | 290 W |
| Power connectors | 8-pin x 2 |
| Recommended PSU | 750W |
| Card Dimension (mm) | 305 x 120 x 57 mm |
| Weight (Card / Package) | 1160g / 1735g |
| 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

FEATURES



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.



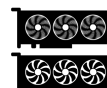
Core Pipe

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.



Zero Frozr

Zero Frozr is the calm before the storm, keeping fans still and maintaining silence until cooling is needed.



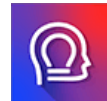
Afterburner

Take full control with the most recognized and widely used graphics card overclocking software in the world.



Aluminum Backplate

Thermal pads beneath the sturdy metal backplate provide additional cooling.



MSI Center

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