



# msi

GRAPHICS CARDS

## GeForce RTX™ 3060 VENTUS 2X XS 12G



## SPECIFICATIONS

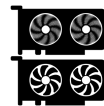
|                            |                                                                                |
|----------------------------|--------------------------------------------------------------------------------|
| Model Name                 | GeForce RTX™ 3060 VENTUS 2X XS 12G                                             |
| Graphics Processing Unit   | NVIDIA® GeForce RTX™ 3060                                                      |
| Interface                  | PCI Express® Gen 4                                                             |
| Cores                      | 3584                                                                           |
| Core Clocks                | Boost: 1777 MHz                                                                |
| Memory Speed               | 15 Gbps                                                                        |
| Memory                     | 12GB GDDR6                                                                     |
| Memory Bus                 | 192-bit                                                                        |
| Output                     | DisplayPort x 3 (v1.4) / HDMI x 1 (Supports 4K@120Hz as specified in HDMI 2.1) |
| HDCP Support               | Y                                                                              |
| Power consumption          | 170W                                                                           |
| Power connectors           | 8-pin x 1                                                                      |
| Recommended PSU            | 550W                                                                           |
| Card Dimension (mm)        | 212 x 115 x 43 mm                                                              |
| Weight (Card / Package)    | 562g / 892g                                                                    |
| 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



### Zero Frozr

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



### Dual Fan

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



### Thermal Padding

An abundance of thermal pads use any chance for additional heat transfer directly from the components.



### Custom PCB

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.



### Afterburner

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