



# msi

GRAPHICS CARD

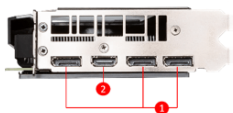
# GeForce RTX 2070 SUPER™ VENTUS OC



## SPECIFICATION

|                                   |  |
|-----------------------------------|--|
| <b>Model Name</b>                 | GeForce® RTX 2070 SUPERTM VENTUS OC    |
| <b>Graphics Processing Unit</b>   | NVIDIA® GeForce RTX™ 2070              |
| <b>Interface</b>                  | PCI Express x16 3.0                    |
| <b>Cores</b>                      | 2560 Units                             |
| <b>Core Clocks</b>                | Boost:1785 MHz                         |
| <b>Memory Speed</b>               | 14 Gpbs                                |
| <b>Memory</b>                     | 8GB GDDR6                              |
| <b>Memory Bus</b>                 | 256-bit                                |
| <b>Output</b>                     | DisplayPort x 3 (v1.4) / HDMI 2.0b x 1 |
| <b>HDCP Support</b>               | 2.2                                    |
| <b>Power consumption</b>          | 215 W                                  |
| <b>Power Connectors</b>           | 6-pin x 1 / 8-pin x 1                  |
| <b>Recommended PSU (W)</b>        | 650 W                                  |
| <b>Card Dimension(mm)</b>         | 257 x 127 x 41 mm                      |
| <b>Weight (Card / Package)</b>    | 856 g / 1341 g                         |
| <b>DirectX Version Support</b>    | 12 API                                 |
| <b>OpenGL Version Support</b>     | 4.5                                    |
| <b>Multi-GPU Technology</b>       | NVIDIA® NVLINK™ (SLI-Ready), 2-way     |
| <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                            |

## CONNECTIONS



1. DisplayPort
2. HDMI

## FEATURE



### DUAL FAN THERMAL DESIGN

Dual fans covers more area of heatsink to take heat away more efficiently.



### TORX FAN 2.0

Award-winning fan design combining two different fin designs for cool & quiet gaming.



### Solid Black Backplate

Increases toughness of the card to prevent bending while complementing the sleek MSI GAMING design.



### OC PERFORMANCE

MSI OC graphics cards are equipped with higher clock speeds out of the box for increased performance.



### MSI Afterburner

The ultimate overclocking software with advanced control options and real-time hardware monitor.



### VR Ready

Certified to provide the performance required for a smooth experience in your VR adventures.



### NVIDIA® G-SYNC®

Gives you more of what you want in a gaming experience. Incredibly smooth, tear-free gameplay at refresh rates up to 240 Hz.