GRAPHICS CARDS

# GeForce RTX™ 5070 12G VENTUS 2X OC

## SPECIFICATIONS

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|---|---|
| **Marketing Name** | GeForce RTX™ 5070 12G VENTUS 2X OC |
| **Model Name** | G5070-12V2C |
| **Graphics Processing Unit** | NVIDIA® GeForce RTX™ 5070 |
| **Interface** | PCI Express® Gen 5 |
| **Core Clocks** | Extreme Performance: 2557 MHz (MSI Center)<br>Boost: 2542 MHz |
| **CUDA® CORES** | 6144 Units |
| **Memory Speed** | 28 Gbps |
| **Memory** | 12GB GDDR7 |
| **Memory Bus** | 192-bit |
| **Output** | DisplayPort x 3 (v2.1b)<br>HDMI™ x 1 (As specified in HDMI™ 2.1b: up to 4K 480Hz or 8K 120Hz with DSC, Gaming VRR, HDR) |
| **HDCP Support** | Y |
| **Power consumption** | 250 W |
| **Power connectors** | 16-pin x1 |
| **Recommended PSU** | 650 W |
| **Card Dimension (mm)** | 236 x 126 x 50 mm |
| **Weight (Card / Package)** | 774 g / 1149 g |
| **DirectX Version Support** | 12 Ultimate |
| **OpenGL Version Support** | 4.6 |
| **Maximum Displays** | 4 |
| **G-SYNC® technology** | Y |
| **Digital Maximum Resolution** | 7680 x 4320 |

## CONNECTIONS

1. DisplayPort
2. HDMI™

## FEATURES

**Dual Fan**

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

**TORX FAN 5.0**

Fan blades linked by ring arcs and a fan cowl work together to stabilize and maintain high-pressure airflow.

**Nickel-plated Copper Baseplate**

Heat from the GPU and memory is swiftly captured by a nickel-plated copper baseplate and transferred.

**Core Pipes**

Core Pipes feature a square design to maximize contact with the GPU baseplate for optimal thermal management.

**Metal Backplate**

A sturdy metal backplate strengthens the graphics card while the airflow vent design reduces excess heat.

**Zero Frozr**

The fans completely stop when temperatures are relatively low, eliminating all noise.

**DrMOS**

DrMOS power stage solutions provide great efficiency with low power loss and enhanced voltage controls.

**Fuse**

Additional fuses built into the custom PCB provide additional safeguards against electrical damage.

**MSI Center**

The exclusive MSI 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.

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