# **MSi**

## **GeForce RTX™ 5090 32G VENTUS 3X OC**







## **SPECIFICATIONS**

Marketing Name	GeForce RTX™ 5090 32G VENTUS 3X OC
Model Name	G5090-32V3C
<b>Graphics Processing Unit</b>	NVIDIA® GeForce RTX™ 5090
Interface	PCI Express <sup>®</sup> Gen 5
Core Clocks	Extreme Performance: 2452 MHz (MSI Center) Boost: 2437 MHz
CUDA® CORES	21760 Units
Memory Speed	28 Gbps
Memory	32GB GDDR7
Memory Bus	512-bit
Output	DisplayPort x 3 (v2.1b) 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	575 W
Power connectors	16-pin x 1
Recommended PSU	1000 W
Card Dimension (mm)	325 x 139 x 67 mm
Weight (Card / Package)	1875 g / 2489 g
DirectX Version Support	12 Ultimate
OpenGL Version Support	4.6
Maximum Displays	4
G-SYNC® technology	Υ
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 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.