



## SPECIFICATIONS

Marketing Name	GeForce RTX™ 5090 32G GAMING TRIO OC
Model Name	G5090-32GTC
Graphics Processing Unit	NVIDIA® GeForce RTX™ 5090
Interface	PCI Express® Gen 5
Core Clocks	Extreme Performance: 2497 MHz (MSI Center) Boost: 2482 MHz (GAMING & SILENT Mode)
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)	359 x 149 x 70 mm
Weight (Card / Package)	2119 g / 2735 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



**TRI FROZR 4**

Upgraded fans, airflow control, and thermal design deliver superior cooling and quieter operation.



## STORMFORCE FAN

Seven fan blades, claw texturing, and a circular arc are designed for optimal airflow with minimal noise.



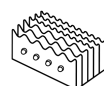
### Nickel-plated Copper Baseplate

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



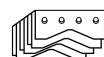
## Core Pipes

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



## Wave Curved 4.0

Precision-engineered wave edges with a high-low fin design enhance airflow and reduce turbulence.



## Air Antegrade Fin 2.0

The fins feature a V-shaped cutout and a high-low design at the airflow passthrough to optimize flow efficiency.



### Metal Backplate

A reinforcing metal backplate with airflow vents and thermal pads enhances cooling.



## Dual BIOS

Dual BIOS lets you set the priority to full performance in GAMING mode or low noise in SILENT mode.



## 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.