



## SPECIFICATIONS

<b>Marketing Name</b>	GeForce RTX™ 5090 32G SUPRIM LIQUID SOC
<b>Model Name</b>	G5090-32SLS
<b>Graphics Processing Unit</b>	NVIDIA® GeForce RTX™ 5090
<b>Interface</b>	PCI Express® Gen 5x 16
<b>Core Clocks</b>	Gaming Mode: Extreme Performance: 2580 MHz (MSI Center) Boost: 2565 MHz Silent Mode: Extreme Performance: 2527 MHz (MSI Center) Boost: 2512 MHz
<b>CUDA® CORES</b>	21760 Units
<b>Memory Speed</b>	28 Gbps
<b>Memory</b>	32GB GDDR7
<b>Memory Bus</b>	512-bit
<b>Output</b>	DisplayPort x 3 (2.1b) HDMI™ x 1 (As specified in HDMI™ 2.1b: up to 4K 480Hz or 8K 120Hz with DSC, Gaming VRR, HDR)
<b>HDCP Support</b>	Y
<b>Power consumption</b>	Gaming mode: 600 W Silent mode: 575 W
<b>Power connectors</b>	16-pin x 1
<b>Recommended PSU</b>	1000 W
<b>Card Dimension (mm)</b>	Card: 280 x 148 x 51mm Radiator: 394 x 121 x 55mm Tube length: 280mm
<b>Weight (Card / Package)</b>	2969 g / 4273 g
<b>DirectX Version Support</b>	12 Ultimate
<b>OpenGL Version Support</b>	4.6
<b>Maximum Displays</b>	4
<b>G-SYNC® technology</b>	Y
<b>Digital Maximum Resolution</b>	7680 x 4320

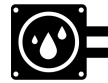
## CONNECTIONS

## FEATURES



### SUPERIOR HYBRID COOLING

SUPRIM LIQUID's innovative Hybrid design uses both air cooling with STORMFORCE Fan and liquid cooling to effectively manage heat from the GPU and VRAM.



### Advanced Performance Pump

A premium design for optimal flow, delivering automotive-grade coolant to ensure the SUPRIM LIQUID stays cool and performs efficiently.



### Patented Water Block Design

The patented water block features a special waterway layout and CNC-machined copper base that cools the GPU and VRAM, helping to lower temperatures.



### 360 mm Aluminum Radiator

The 360 mm aluminum radiator ensures efficient cooling, while the STORMFORCE fans enhance airflow and simplifies cable management for a tidy installation.



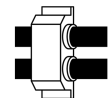
### STORMFORCE FAN

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



### Micro-Fin Copper Base

A copper base with fine micro-fins immersed in the liquid stream effectively transfers heat away from the VRAM and GPU.



### Durable Tubing with Scratch-proof Cover

Braided PVC tubes resist permeation and stay flexible, while the scratch-proof cover enhances durability during SUPRIM LIQUID installation.



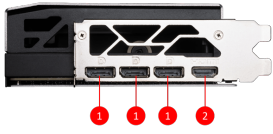
### Metal Backplate

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



### MSI Center

The exclusive MSI Center software lets you monitor, tweak and optimize MSI products in real-time.



1. DisplayPort
2. HDMI™