



## SPECIFICATIONS

Marketing Name	GeForce RTX™ 5090 32G SUPRIM LIQUID SOC
Model Name	G5090-32SL5
Graphics Processing Unit	NVIDIA® GeForce RTX™ 5090
Interface	PCI Express® Gen 5x 16
Core Clocks	Gaming Mode: Extreme Performance: 2580 MHz (MSI Center) Boost: 2565 MHz Silent Mode: Extreme Performance: 2527 MHz (MSI Center) Boost: 2512 MHz
CUDA® CORES	21760 Units
Memory Speed	28 Gbps
Memory	32GB GDDR7
Memory Bus	512-bit
Output	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)
HDCP Support	Y
Power consumption	Gaming mode: 600 W Silent mode: 575 W
Power connectors	16-pin x 1
Recommended PSU	1000 W
Card Dimension (mm)	Card: 280 x 148 x 51mm Radiator: 394 x 121 x 55mm Tube length: 280mm
Weight (Card / Package)	2969 g / 4273 g
DirectX Version Support	12 Ultimate
OpenGL Version Support	4.6
Maximum Displays	4
G-SYNC® technology	Y
Digital Maximum Resolution	7680 x 4320

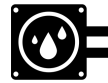
## CONNECTIONS

## 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.



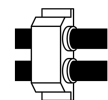
### STORMFORCE FAN

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.



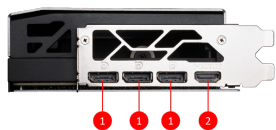
### MSI Center

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



GRAPHICS CARDS

# GeForce RTX™ 5090 32G SUPRIM LIQUID SOC



- 1. DisplayPort
- 2. HDMI™