



## SPECIFICATIONS

<b>Marketing Name</b>	GeForce RTX™ 5090 32G SUPRIM LIQUID SOC
<b>Graphics Processing Unit</b>	NVIDIA® GeForce RTX™ 5090
<b>Núcleos</b>	21760 Units
<b>Memória</b>	32GB GDDR7
<b>Recommended PSU</b>	1000 W
<b>Barramento Padrão</b>	PCI Express® Gen 5x 16
<b>Interface de Memória</b>	512-bit
<b>Velocidade Clock Central (MHz)</b>	Gaming Mode: Extreme Performance: 2580 MHz (MSI Center) Boost: 2565 MHz Silent Mode: Extreme Performance: 2527 MHz (MSI Center) Boost: 2512 MHz
<b>Velocid. Clock Memória (MHz)</b>	28 Gbps
<b>Máximo de Monitores</b>	4
<b>Tecnologia G-SYNC™</b>	Y
<b>Saídas</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>Suporte HDCP</b>	Y
<b>Consumo de energia (W)</b>	Gaming mode: 600 W Silent mode: 575 W
<b>Resolução máx. Digital</b>	7680 x 4320
<b>Conectores de energia</b>	16-pin x 1 (Recomendamos Fonte de Alimentação ATX 3.1)
<b>Suporte Versão DirectX</b>	12 Ultimate
<b>Suporte Versão OpenGL</b>	4.6
<b>Dimensões(mm)</b>	Card: 280 x 148 x 51mm Radiator: 394 x 121 x 55mm Tube length: 450mm
<b>Peso</b>	2969 g / 4273 g

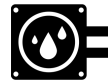
## CONNECTIONS

## 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.



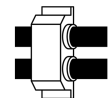
### STORMFORCE FAN

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

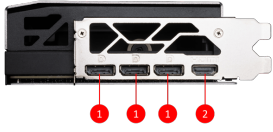
A reinforcing metal backplate with airflow vents and thermal pads enhances cooling.



### MSI Center

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

# GeForce RTX™ 5090 32G SUPRIM LIQUID SOC



1. DisplayPort
2. HDMI™