



SPECIFICATIONS

Model Name	GeForce RTX® 4090 SUPRIM LIQUID X 24G
Graphics Processing Unit	NVIDIA® GeForce RTX® 4090
Interface	PCI Express® Gen 4
Cores	16384 Units
Core Clock	TBD
Memory Speed	21 Gbps
Memory	24GB GDDR6X
Memory Bus	384-bit
Output	DisplayPort x 3 (v1.4a) HDMI™ x 1 (Supports 4K@120Hz HDR, 8K@60Hz HDR, and Variable Refresh Rate as specified in HDMI 2.1a)
HDCP Support	Y
Power consumption	TBD
Power connectors	16-pin x 1
Recommended PSU	TBD
Card Dimension (mm)	Card: 280 x 140 x 43 mm radiator + fan : 274 x 121 x 55 mm
Weight (Card / Package)	2353 g / 3837 g
DirectX Version Support	12 Ultimate
OpenGL Version Support	4.6
Maximum Displays	4
G-SYNC® technology	Y
Digital Maximum Resolution	7680 x 4320
Slot	2
Thermal Solution	Liquid Cooling

FEATURES



Zero Frozr

Zero Frozr is the calm before the storm, keeping fans still and maintaining silence until cooling is needed.



TORX FAN 5.0

Fan blades linked by ring arcs and a fan cowl work together to stabilize and maintain high-pressure airflow.



Micro-Fin Copper Base

The copper coldplate with internal micro-fin design draws heat directly from the GPU into the circulating coolant.



Aluminum Heat Radiator

Easy to install 240mm black aluminum radiator to reduce fan demand and dissipate heat efficiently.



Dual BIOS

Dual BIOS gives you the choice to prioritize for full performance in GAMING mode or low noise in SILENT mode.



Quick And Easy Installation

Upgrade to the power of liquid-cooled graphics in one minute or less.



Superior Cooling

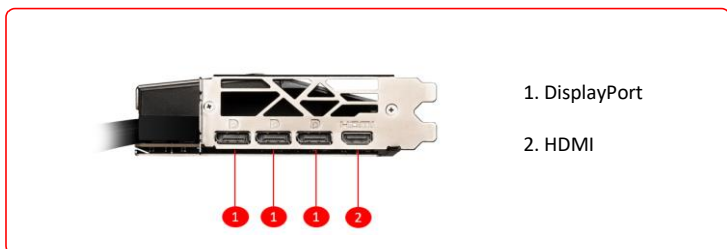
The GPU is kept cool by closed loop liquid cooler while the memory and VRM's are cooled by a radial fan.



MSI Center

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

CONNECTIONS



1. DisplayPort

2. HDMI