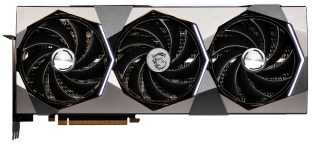
GRAPHICS CARDS

GeForce RTX™ 4090 SUPRIM 24G







SPECIFICATIONS

Model Name	GeForce RTX™ 4090 SUPRIM 24G
Graphics Processing Unit	NVIDIA® GeForce RTX™ 4090
Interface	PCI Express® Gen 4
Core Clocks	Extreme Performance: 2610 MHz (MSI Center) Boost: 2595MHz (GAMING & SILENT Mode)
CUDA® CORES	16384 Units
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	Silent mode: 450W Gaming mode: 480W
Power connectors	16-pin x 1
Recommended PSU	1000W (Min. 850W)
Card Dimension (mm)	336 x 142 x 78 mm
Weight (Card / Package)	2413g / 3636g
DirectX Version Support	12 Ultimate
OpenGL Version Support	4.6
Maximum Displays	4
G-SYNC® technology	Y
Digital Maximum Resolution	7680 x 4320

FEATURES

TRI FROZR 3S

Push performance with the latest MSI cooling design and elevate sophistication with a prestigious appearance.

TORX FAN 5.0

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

Vapor Chamber

The GPU and memory modules are covered with a Vapor Chamber which rapidly transfers heat to Core Pipes.

Core Pipe

Precision-machined heat pipes ensure max contact and spread heat along the full length of the heatsink.

Airflow Control

Sections of different heatsink fins disrupt unwanted airflow harmonics and reduce noise.

Zero Frozr

The fans completely stop when temperatures are relatively low, eliminating all noise.

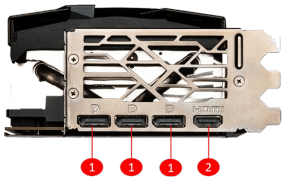
Metal Backplate

Thermal pads under the sturdy metal backplate provide additional cooling while the flow-through ventilation reduces trapped heat.

Wave Curved 3.0

Additional efficiency is gained by adjusting the size of the wave edges under the fan motor and other spots where there is less airflow.

CONNECTIONS



1. DisplayPort
2. HDMI

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