

SPECIFICATIONS

Socket	GeForce RTX™ 3090 SUPRIM X 24G
Socket	NVIDIA® GeForce RTX™ 3090
Socket	PCI Express® Gen 4
Socket	10496 Units
Socket	Extreme Performance: 1875 MHz (Dragon Center) Boost: 1860 MHz (GAMING & SILENT Mode)
Socket	19.5 Gbps
Socket	420W
Socket	8-pin x 3
Socket	750 W
Socket	336 x 140 x 61 mm
Socket	1895g / 3197g
Socket	Y
Socket	Y
Socket	7680 x 4320
Model Name	GeForce RTX™ 4090 D 24G SUPRIM X
Graphics Processing Unit	NVIDIA® GeForce RTX™ 4090 D
Interface	PCI Express® Gen 4
Cores	14592 Units
Core Clocks	Extreme Performance: 2535 MHz (MSI Center) Boost: 2520 MHz (GAMING & SILENT Mode)
Memory Speed	21 Gbps
Memory	24GB GDDR6X
Memory Bus	384-bit
Output	DisplayPort x 3 (v1.4a) HDMI™ x 1 (Supports 4K@120Hz as specified in HDMI 2.1a)
HDCP Support	Y
Power consumption	425W
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

FEATURES



TRI FROZR 3S

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



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.



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.



TORX FAN 5.0

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



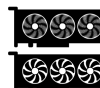
Airflow Control

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



Metal Backplate

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



Zero Frozr

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

Digital Maximum Resolution 7680 x 4320

CONNECTIONS

