



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™ 4080 SUPER 16G SUPRIM
Graphics Processing Unit	NVIDIA® GeForce RTX™ 4080 SUPER
Interface	PCI Express® Gen 4
Cores	10240 Units
Core Clocks	Extreme Performance: 2625 MHz (MSI Center) Boost: 2610 MHz (GAMING & SILENT Mode)
Memory Speed	23 Gbps
Memory	16GB GDDR6X
Memory Bus	256-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	320 W
Power connectors	16-pin x 1
Recommended PSU	850 W (Min. 750 W)
Card Dimension (mm)	336 x 142 x 78 mm
Weight (Card / Package)	2372g / 3573g
DirectX Version Support	12 Ultimate
OpenGL Version Support	4.6
Maximum Displays	4

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.



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.



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.

G-SYNC® technology	Y
Digital Maximum Resolution	7680 x 4320

CONNECTIONS

