



SPECIFICATIONS

型号名称	GeForce RTX™ 4090 SUPRIM X 24G
显示芯片	NVIDIA® GeForce RTX™ 4090
显存	24GB GDDR6X
显存位宽	384-bit
核心频率	Extreme Performance: 2640 MHz (MSI Center) Boost: 2625 MHz (GAMING & SILENT Mode)
显存速度	21 Gbps
最大屏幕输出数	4
最大分辨率	7680 x 4320
输出接口	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 支持	Y
显卡功耗	Silent mode: 450W Gaming mode: 480W
建议电源 (W)	1000W (Min. 850W)
供电接口	16-pin x 1
DirectX 版本支持	12 Ultimate
OpenGL 版本支持	4.6
显卡尺寸	336 x 142 x 78 mm
重量(显卡/包装盒)	2413g / 3636g

CONNECTIONS



1. DisplayPort
2. HDMI™

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

Wave-curved 3.0 fin edges disrupt unwanted airflow harmonics resulting in reduced noise.



Zero Frozr

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



Aluminum Backplate

Thermal pads beneath the sturdy metal backplate provide additional cooling.



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.