



SPECIFICATIONS

Cores	16384 Units
Memory	24GB GDDR6X
Graphics Engine	NVIDIA® GeForce RTX™ 4090
Bus Standard	PCI Express® Gen 4
Interfaccia Memoria	384-bit
Velocità Core Clock (MHz)	Extreme Performance: 2610 MHz (MSI Center) Boost: 2595MHz (GAMING & SILENT Mode)
Velocità Memory Clock (MHz)	21 Gbps
Schermi massimi	4
Consumi Energetici (W)	Silent mode: 450W Gaming mode: 480W
Supporto HDCP	Y
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)
Alimentatore raccomandato (W)	1000W (Min. 850W)
Digital Maximum Resolution	7680 x 4320
Connettori di alimentazione	16-pin x 1
Versione DirectX Supportata	12 Ultimate
Versione OpenGL Supportata	4.6
Dimensioni scheda (mm)	336 x 142 x 78 mm
Peso	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

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



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.