



SPECIFICATIONS

Graphics Processing Unit	NVIDIA® GeForce RTX™ 4090
Núcleos	16384 Units
Memória	24GB GDDR6X
Recommended PSU	850 W
Barramento Padrão	PCI Express® Gen 4
Interface de Memória	384-bit
Velocidade Clock Central (MHz)	Extreme Performance: 2610 MHz (MSI Center) Boost: 2595 MHz (GAMING & SILENT Mode)
Velocid. Clock Memória (MHz)	21 Gbps
Máximo de Monitores	4
Tecnologia G-SYNC™	Y
Consumo de energia (W)	450 W
Saídas	DisplayPort x 2 (v1.4a) HDMI™ x 2 (Supports 4K@120Hz HDR and 8K@60Hz HDR and Variable Refresh Rate (VRR) as specified in HDMI 2.1a)
Supporte HDCP	Y
Resolução máx. Digital	7680 x 4320
Conectores de energia	16-pin x 1
Supporte Versão DirectX	12 Ultimate
Supporte Versão OpenGL	4.6
Dimensões(mm)	322 x 136 x 62 mm
Peso	1777 g / 2652 g

CONNECTIONS



1. DisplayPort
2. HDMI™

FEATURES

TRI FROZR 3



Stay cool and quiet. MSI's TRI FROZR 3 thermal design enhances heat dissipation all around the graphics card.



TORX FAN 5.0

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

Copper Baseplate



Heat from the GPU and memory modules is captured by a copper baseplate and then rapidly transferred to Core Pipes.



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



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



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



Dual BIOS lets you set the priority to full performance in GAMING mode or low noise in SILENT mode.



The exclusive MSI Center software lets you monitor, tweak and optimize MSI products in real-time.