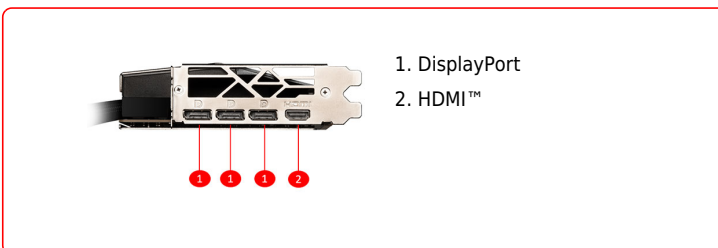




SPECIFICATIONS

Graphics Processing Unit	NVIDIA® GeForce RTX™ 4090
Cores	16384 Units
Memory	24GB GDDR6X
Power connectors	16-pin x 1
Memory Interface	384-bit
Core Clocks	Extreme Performance: 2640 MHz (MSI Center) Boost: 2625 MHz (GAMING & SILENT Mode)
Memory Speed	21 Gbps
Maximum Displays	4
Digital Maximum Resolution	7680x4320
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)
Power consumption (W)	Silent mode: 450W Gaming mode: 480W
Recommended Power Supply (W)	1000W (Min. 850W)
DirectX Version Support	12 Ultimate
Card Dimension(mm)	Card: 280 x 140 x 43 mm radiator + fan: 274 x 121 x 55 mm Tube length: L470 ± 10 x D11.2 mm
Weight	2353 g / 3837 g

CONNECTIONS



FEATURES



MSI Center

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



Dual BIOS

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



TORX FAN 5.0

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



Micro-Fin Copper Base

A copper base with fine micro-fins immersed in the liquid stream effectively transfers heat away from the VRAM and GPU.



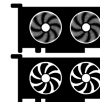
Aluminum Heat Radiator

Easy to install 240mm black aluminum radiator to reduce fan demand and dissipate heat efficiently.



Quick And Easy Installation

Upgrade to the power of liquid-cooled graphics in one minute or less.



Zero Frozr

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