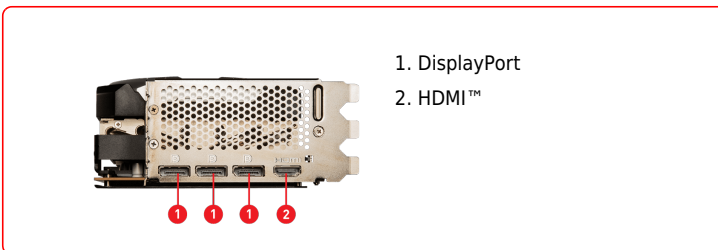


SPECIFICATIONS

Memory	24GB GDDR6X
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)
Graphics Processing Unit	NVIDIA® GeForce RTX™ 4090
Interface	PCI Express® Gen 4
Core Clock Speed (MHz)	Extreme Performance: 2565 MHz (MSI Center) Boost: 2550 MHz
Memory Interface	384-bit
Memory Clock Speed (MHz)	21 Gbps
OpenGL Version Support	4.6
NVLink Support	N/A
Maximum Displays	4
HDCP Support	Y
DirectX Version Support	12 Ultimate
Card Dimension(mm)	322 x 136 x 62mm
Card Weight (g)	1675g / 2306g
Power consumption (W)	450W
Digital Maximum Resolution	7680 x 4320
Recommended PSU (W)	850W
Power Connectors	16pin x 1

CONNECTIONS



FEATURES



Triple Fan

Three fans and a huge heatsink ensure a cool and quiet experience for you.



TORX FAN 4.0

A masterpiece of teamwork, fan blades work in pairs to create unprecedented levels of focused air pressure.



Copper Baseplate

A solid nickel-plated copper baseplate transfers heat from the GPU to all heat pipes for better cooling.



Core Pipe

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



Airflow Control

Don't sweat it, Airflow Control guides the air to exactly where it needs to be for maximum cooling.



Aluminum Backplate

Thermal pads beneath the sturdy metal backplate provide additional cooling.



MSI Center

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