



SPECIFICATIONS

Memory	16GB 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™ 4080 16GB
Interface	PCI Express® Gen 4
Core Clock Speed (MHz)	Extreme Performance: 2610 MHz (MSI Center) Boost: 2595 MHz (GAMING & SILENT Mode)
Memory Interface	256-bit
Memory Clock Speed (MHz)	22.4 Gbps
OpenGL Version Support	4.6
Maximum Displays	4
HDCP Support	Y
DirectX Version Support	12 Ultimate
Card Dimension(mm)	337 x 140 x 67 mm
Card Weight (g)	1885 g / 2958 g
Power consumption (W)	320 W
Digital Maximum Resolution	7680 x 4320
Recommended PSU (W)	850 W (Min.750W)
Power Connectors	16-pin x 1

CONNECTIONS



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.
- Core Pipe**
 Precision-machined heat pipes ensure max contact to the GPU and spread heat along the full length of the heatsink.
- Airflow Control**
 Sections of different heatsink fins disrupt unwanted airflow harmonics and reduce noise.
- Anti Bending**
 A die-cast anti-bending plate reinforces the card while thermal pads allow cooling to reach critical component underneath.
- Metal Backplate**
 Thermal pads under the sturdy metal backplate provide additional cooling while the flow-through ventilation reduces trapped heat.
- Dual BIOS**
 Dual BIOS lets you set the priority to full performance in GAMING mode or low noise in SILENT mode.