GeForce RTX™ 4080 SUPER 16G EXPERT









SPECIFICATIONS

Memory	16GB GDDR6X
Graphics Engine	NVIDIA® GeForce RTX™ 4080 SUPER
Bus Standard	PCI Express [®] Gen 4
Memory Interface	256-bit
Core Clock Speed(MHz)	Extreme Performance: 2625 MHz (MSI Center) Boost: 2610 MHz
Memory Clock Speed(MHz)	23 Gbps
Maximum Displays	4
G-SYNC™ technology	Y
Power consumption (W)	320 W
HDCP Support	Υ
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)
Digital Maximum Resolution	7680 x 4320
Recommended Power Supply (W)	850 W (Min.750 W)
Power Connectors	16-pin x 1
DirectX Version Support	12 Ultimate
OpenGL Version Support	4.6
Card Dimension(mm)	312 x 141 x 61 mm
Weight	1909g / 2906g

CONNECTIONS



FEATURES



Flow Frozr

Stay cool and silent, MSI's Flow Frozr thermal design enhances graphics card heat dissipation.



Patented Fan Design

The unique design features a distinctive appearance and enhances airflow to improve heat dissipation capability.



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 to the GPU and spread heat along the full length of the heatsink.



V-shaped Fins

Fins with a V-shaped cutout influence airflow inclination angles, which enhance flow efficiency.



Push Pull Airflow

Cooling efficiency is improved with two fans working collaboratively to reduce heat buildup.



Aluminum Die-Casting

Overall structural integrity is enhanced with metal material while the flow-through ventilation reduces trapped heat.



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