



SPECIFICATIONS

Socket	GeForce RTX™ 3090 SUPRIM X 24G
Socket	750 W
Socket	Y
Socket	Y
Socket	1895g / 3197g
Socket	336 x 140 x 61 mm
Socket	8-pin x 3
Socket	NVIDIA® GeForce RTX™ 3090
Socket	420W
Socket	19.5 Gbps
Socket	Extreme Performance: 1875 MHz (Dragon Center) Boost: 1860 MHz (GAMING & SILENT Mode)
Socket	10496 Units
Socket	PCI Express® Gen 4
Socket	7680 x 4320
Graphics Processing Unit	NVIDIA® GeForce RTX™ 4090
Interface	PCI Express® Gen 4
Cores	16384 Units
Core Clocks	Extreme Performance: 2640 MHz (MSI Center) Boost: 2625 MHz (GAMING & SILENT Mode)
Memory Speed	21 Gbps
Memory	24GB GDDR6X
Memory Bus	384-bit
Output	DisplayPort x 3(v1.4a) HDMI™ x 1 (supports 4K 120Hz HDR and 8K 60Hz HDR and Variable Refresh Rate (VRR) as specified in HDMI™ 2.1a)
HDCP Support	Y
Power consumption	Silent mode: 450W Gaming mode: 480W
Power connectors	16-pin x 1
Recommended PSU	1000W (Min. 850W)
Card Dimension (mm)	338 x 140 x 71 mm
Weight (Card / Package)	2155g/3542g
DirectX Version Support	12 Ultimate
OpenGL Version Support	4.6
Maximum Displays	4

FEATURES



Core Pipe

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



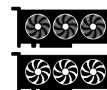
Metal Backplate

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



Airflow Control

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



Zero Frozr

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



Dual BIOS

Dual BIOS gives you the choice to prioritize for full performance in GAMING mode or low noise in SILENT mode.



TRI FROZR 2S

Thermals are kept in check in masterful ways under that sculpted exterior, letting you focus on your games.



TORX FAN 4.0

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

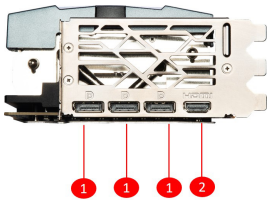


MSI Center

Migrate data with backup & restore functionality, monitor drive health and performance metrics in real-time in MSI Center.

G-SYNC® technology	Y
Digital Maximum Resolution	7680 x 4320

CONNECTIONS



1. DisplayPort

2. HDMI