



## SPECIFICATIONS

Socket	GeForce RTX™ 3090 SUPRIM X 24G
Socket	NVIDIA® GeForce RTX™ 3090
Socket	10496 Units
Socket	Extreme Performance: 1815 MHz (Dragon Center) Boost: 1800 MHz (GAMING & SILENT Mode)
Socket	19.5 Gbps
Socket	24GB GDDR6X
Socket	Y
Socket	336 x 140 x 61 mm
Socket	NVIDIA® GeForce RTX™ 3090
Socket	12 API
Socket	GeForce RTX™ 3090 SUPRIM 24G
Socket	420W
Socket	PCI Express® Gen 4
Socket	10496 Units
Socket	Extreme Performance: 1875 MHz (Dragon Center) Boost: 1860 MHz (GAMING & SILENT Mode)
Socket	19.5 Gbps
Socket	8-pin x 3
Socket	7680 x 4320
Socket	750 W
Socket	336 x 140 x 61 mm
Socket	1895g / 3197g
Socket	Y
Socket	Y
Graphics Processing Unit	NVIDIA® GeForce RTX™ 3080
Interface	PCI Express® Gen 4
Cores	8704 Units
Core Clocks	Extreme Performance: 1920 MHz (MSI Center) Boost: 1905 MHz (GAMING & SILENT Mode)
Memory Speed	19 Gbps
Memory	10GB GDDR6X
Memory Bus	320-bit
Output	DisplayPort x 3 (v1.4a) HDMI™ x 1 (Supports 4K@120Hz as specified in HDMI™ 2.1)

## FEATURES



### TRI FROZR 2S

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



### Airflow Control

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



### TORX FAN 4.0

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



### Core Pipe

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



### Close Quarters Heatpipe & Heatsink

Memory modules have their own close quarters heatpipe and heatsink for dedicated cooling.



### Metal Backplate

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



### MSI Center

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

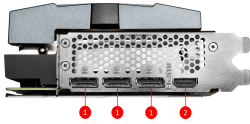


### Dual BIOS

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

<b>HDCP Support</b>	Y
<b>Power consumption</b>	370W
<b>Power connectors</b>	8-pin x 3
<b>Recommended PSU</b>	850W
<b>Card Dimension (mm)</b>	336 x 140 x 61 mm
<b>Weight (Card / Package)</b>	1882g / 3178g
<b>DirectX Version Support</b>	12 API
<b>OpenGL Version Support</b>	4.6
<b>Maximum Displays</b>	4
<b>VR Ready</b>	Y
<b>G-SYNC® technology</b>	Y
<b>Adaptive Vertical Sync</b>	Y
<b>Digital Maximum Resolution</b>	7680 x 4320

## CONNECTIONS



1. DisplayPort
2. HDMI™