



## SPECIFICATIONS

<b>Model Name</b>	GeForce RTX™ 3090 SUPRIM X 24G
<b>Graphics Processing Unit</b>	NVIDIA® GeForce RTX™ 3090
<b>Interface</b>	PCI Express® Gen 4
<b>CUDA® CORES</b>	10496 Units
<b>Core Clocks</b>	Extreme Performance: 1875 MHz (Dragon Center) Boost: 1860 MHz (GAMING & SILENT Mode)
<b>Memory Speed</b>	19.5 Gbps
<b>Memory</b>	24GB GDDR6X
<b>Memory Bus</b>	384-bit
<b>Output</b>	DisplayPort x 3 (v1.4a) HDMI x 1 (Supports 4K@120Hz as specified in HDMI 2.1)
<b>HDCP Support</b>	Y
<b>Power consumption</b>	420W
<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>	1895g / 3197g
<b>DirectX Version Support</b>	12 API
<b>OpenGL Version Support</b>	4.6
<b>NVLink Support</b>	Y
<b>Multi-GPU Technology</b>	Y
<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

## FEATURES



### 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.



### Airflow Control

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



### 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.



### Close Quarters Heatpipes Backplate

Heatpipes beneath the metal backplate provide cooling for the memory modules on the rear of the PCB.



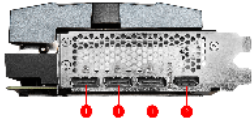
### Dragon Center

MSI's exclusive Dragon 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.



1. DisplayPort
2. HDMI