

## SPECIFICATIONS

Socket	GeForce RTX™ 3090 SUPRIM X 24G
Socket	750 W
Socket	NVIDIA® GeForce RTX™ 3090
Socket	Y
Socket	Y
Socket	1895g / 3197g
Socket	336 x 140 x 61 mm
Socket	7680 x 4320
Socket	8-pin x 3
Socket	19.5 Gbps
Socket	PCI Express® Gen 4
Socket	10496 Units
Socket	420W
Socket	Extreme Performance: 1875 MHz (Dragon Center) Boost: 1860 MHz (GAMING & SILENT Mode)
Graphics Processing Unit	NVIDIA® GeForce RTX™ 3090 Ti
Interface	PCI Express® Gen 4
Cores	10752 Units
Core Clocks	Extreme Performance: 1935 MHz (MSI Center) Boost: 1920 MHz (GAMING & SILENT Mode)
Memory Speed	21 Gbps
Memory	24GB GDDR6X
Memory Bus	384-bit
Output	DisplayPort x 3 (v1.4a) HDMI™ x 1 (2.1) (Supports 4K 120Hz HDR, 8K 60Hz HDR and Variable Refresh Rate as specified in HDMI™ 2.1)
HDCP Support	Y
Power consumption	450W
Power connectors	16-pin x 1
Recommended PSU	850 W
Card Dimension (mm)	338 x 140 x 71 mm
Weight (Card / Package)	2154g / 3309g
DirectX Version Support	12 Ultimate
OpenGL Version Support	4.6
NVLink Support	Y
Maximum Displays	4

## 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.



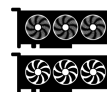
### Core Pipe

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



### 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.



### Metal Backplate

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



### Dual BIOS

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



### MSI Center

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

<b>VR Ready</b>	Y
<b>G-SYNC® technology</b>	Y
<b>Digital Maximum Resolution</b>	7680 x 4320

## CONNECTIONS

