



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™ 4090
Interface	PCI Express® Gen 4
Cores	16384 Units
Core Clocks	Extreme Performance: 2535 MHz (MSI Center) Boost: 2520 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: 450W
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

