





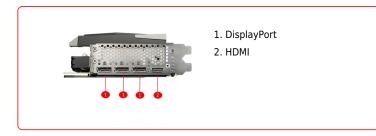




# SPECIFICATIONS

Graphics Processing UnitNVIDIA® GeForce RTX™ 3090InterfacePCI Express® Gen 4CoresTBDCore ClocksTBDMemory SpeedTBDMemory Bus384-bitOutputDisplayPort x 3 (v1.4a) / HDMI 2.1 x 1HDCP SupportYPower consumptionTBDPower connectors8-pin x 3Recommended PSUTBDCard Dimension (mm)335 x 140 x 56mmWeight (Card / Package)TBDDirectX Version Support4.6NVLink SupportYMaximum Displays4VY	Model Name	GeForce RTX <sup>™</sup> 3090 GAMING X TRIO 24G
CoresTBDCore ClocksTBDMemory SpeedTBDMemory SpeedTBDMemory Bus384-bitOutputDisplayPort x 3 (v1.4a) / HDMI 2.1 x 1HDCP SupportYPower consumptionTBDPower connectors8-pin x 3Recommended PSUTBDCard Dimension (mm)335 x 140 x 56mmWeight (Card / Package)TBDDirectX Version Support4.6NVLink SupportYValue AdditionYMaximum Displays4VR ReadyY	Graphics Processing Unit	NVIDIA <sup>®</sup> GeForce RTX <sup>™</sup> 3090
Core ClocksTBDMemory SpeedTBDMemory24GB GDDR6XMemory Bus384-bitOutputDisplayPort x 3 (v1.4a) / HDMI 2.1 x 1HDCP SupportYPower consumptionTBDPower connectors8-pin x 3Recommended PSUTBDCard Dimension (mm)335 x 140 x 56mmWeight (Card / Package)TBDDirectX Version Support4.6NVLink SupportYMaximum Displays4VR ReadyY	Interface	PCI Express <sup>®</sup> Gen 4
Memory SpeedTBDMemory24GB GDDR6XMemory Bus384-bitOutputDisplayPort x 3 (v1.4a) / HDMI 2.1 x 1HDCP SupportYPower consumptionTBDPower connectors8-pin x 3Recommended PSUTBDCard Dimension (mm)335 x 140 x 56mmWeight (Card / Package)TBDDirectX Version Support4.6NVLink SupportYMaximum Displays4VR ReadyY	Cores	TBD
Memory24GB GDDR6XMemory Bus384-bitOutputDisplayPort x 3 (v1.4a) / HDMI 2.1 x 1HDCP SupportYPower consumptionTBDPower connectors8-pin x 3Recommended PSUTBDCard Dimension (mm)335 x 140 x 56mmWeight (Card / Package)TBDDirectX Version Support12 APIOpenGL Version Support4.6NVLink SupportYMaximum Displays4VR ReadyY	Core Clocks	TBD
Memory Bus384-bitOutputDisplayPort x 3 (v1.4a) / HDMI 2.1 x 1HDCP SupportYPower consumptionTBDPower connectors8-pin x 3Recommended PSUTBDCard Dimension (mm)335 x 140 x 56mmWeight (Card / Package)TBDDirectX Version Support12 APIOpenGL Version Support4.6NVLink SupportYMaximum Displays4VR ReadyY	Memory Speed	TBD
OutputDisplayPort x 3 (v1.4a) / HDMI 2.1 x 1HDCP SupportYPower consumptionTBDPower connectors8-pin x 3Recommended PSUTBDCard Dimension (mm)335 x 140 x 56mmWeight (Card / Package)TBDDirectX Version Support12 APIOpenGL Version Support4.6NVLink SupportYMaximum Displays4VR ReadyY	Memory	24GB GDDR6X
HDCP SupportYPower consumptionTBDPower connectors8-pin x 3Recommended PSUTBDCard Dimension (mm)335 x 140 x 56mmWeight (Card / Package)TBDDirectX Version Support12 APIOpenGL Version Support4.6NVLink SupportYMaximum Displays4VR ReadyY	Memory Bus	384-bit
Power consumptionTBDPower connectors8-pin x 3Recommended PSUTBDCard Dimension (mm)335 x 140 x 56mmWeight (Card / Package)TBDDirectX Version Support12 APIOpenGL Version Support4.6NVLink SupportYMaximum Displays4VR ReadyY	Output	DisplayPort x 3 (v1.4a) / HDMI 2.1 x 1
Power connectors8-pin x 3Recommended PSUTBDCard Dimension (mm)335 x 140 x 56mmWeight (Card / Package)TBDDirectX Version Support12 APIOpenGL Version Support4.6NVLink SupportYMaximum Displays4VR ReadyY	HDCP Support	Y
Recommended PSUTBDCard Dimension (mm)335 x 140 x 56mmWeight (Card / Package)TBDDirectX Version Support12 APIOpenGL Version Support4.6NVLink SupportYMaximum Displays4VR ReadyY	Power consumption	TBD
Card Dimension (mm)335 x 140 x 56mmWeight (Card / Package)TBDDirectX Version Support12 APIOpenGL Version Support4.6NVLink SupportYMaximum Displays4VR ReadyY	Power connectors	8-pin x 3
Weight (Card / Package)TBDDirectX Version Support12 APIOpenGL Version Support4.6NVLink SupportYMaximum Displays4VR ReadyY	Recommended PSU	TBD
DirectX Version Support12 APIOpenGL Version Support4.6NVLink SupportYMaximum Displays4VR ReadyY	Card Dimension (mm)	335 x 140 x 56mm
OpenGL Version Support 4.6   NVLink Support Y   Maximum Displays 4   VR Ready Y	Weight (Card / Package)	TBD
NVLink Support Y   Maximum Displays 4   VR Ready Y	DirectX Version Support	12 API
Maximum Displays 4   VR Ready Y	OpenGL Version Support	4.6
VR Ready Y	NVLink Support	<u>Y</u>
	Maximum Displays	4
	VR Ready	Y
Digital Maximum Resolution 7680x4320	Digital Maximum Resolution	7680x4320

# **CONNECTIONS**



# **FEATURES**



### **TRI FROZR 2**

TRI FROZR 2 offers the perfect balance between cool temperatures and quiet fans during endless gaming sessions.

## **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 to the GPU 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.

## **Ball Bearing**

Extremely durable double-ball bearings spin your TORX FANs for years of intense gaming sessions in zero noise.

### Custom PCB



The custom PCB has been engineered with hardened circuits and optimized trace routing for performance and reliability.

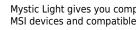
### **Dragon Center**



MYSTIC LIGHT

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

## Mystic Light



Mystic Light gives you complete control of the RGB lighting for MSI devices and compatible RGB products.

