MSI®

GeForce RTX™ 4090 VENTUS 3X E 24G OC

NVIDIA GEFORCE RTX

SPECIFICATIONS

Model Name	GeForce RTX™ 4090 VENTUS 3X E 24G OC
Graphics Processing Unit	NVIDIA® GeForce RTX™ 4090
Interface	PCI Express® Gen 4
Core Clocks	Extreme Performance: 2565 MHz (MSI Center) Boost: 2550 MHz
Cores	16384 Units
Memory Speed	21 Gbps
Memory	24GB GDDR6X
Memory Bus	384-bit
Output	DisplayPort x 2 (v1.4a) HDMI™ x 2 (Supports 4K@120Hz HDR, 8K@60Hz HDR, and Variable Refresh Rate as specified in HDMI™ 2.1a)
HDCP Support	Y
Power consumption	450 W
Power Connectors	16-pin x 1
Recommended PSU (W)	850 W
Card Dimension(mm)	322 x 136 x 62 mm
Weight (Card / Package)	1675 g / 2308 g
OpenGL Version Support	4.6
NVLink Support	N/A
Maximum Displays	4
G-SYNC™ technology	Y
Digital Maximum Resolution	7680 x 4320

CONNECTIONS

1. DisplayPort
2. HDMI™

FEATURES

Triple Fan

Three fans and a huge heatsink ensure a cool and quiet experience for you.

TORX FAN 4.0

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

Copper Baseplate

A solid nickel-plated copper baseplate transfers heat from the GPU to all heat pipes for better cooling.

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.

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.

Afterburner

Take full control with the most recognized and widely used graphics card overclocking software in the world.