



## SPECIFICATIONS

<b>Nazwa Modelu</b>	GeForce RTX™ 4090 VENTUS 3X E 24G OC
<b>Pamięć</b>	24GB GDDR6X
<b>Silnik graficzny</b>	NVIDIA® GeForce RTX™ 4090
<b>Standard magistrali</b>	PCI Express® Gen 4
<b>Interfejs pamięci</b>	384-bit
<b>NVLink Support</b>	N/A
<b>Taktowanie rdzenia GPU (MHz)</b>	Extreme Performance: 2565 MHz (MSI Center) Boost: 2550 MHz
<b>Prędkość pamięci</b>	21 Gbps
<b>Maks. liczba wyświetlaczy</b>	4
<b>Wyjścia</b>	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)
<b>Obsługa HDCP</b>	Y
<b>Pobór mocy (W)</b>	450 W
<b>Zalecany zasilacz (W)</b>	850 W
<b>Maks. rozdzielczość cyfrowa</b>	7680 x 4320
<b>Złącza zasilania</b>	16-pin x 1
<b>Obsługa DirectX (wersja)</b>	12 Ultimate
<b>Obsługa OpenGL (wersja)</b>	4.6
<b>Wymiary karty (mm)</b>	322 x 136 x 62 mm
<b>Waga</b>	1675 g / 2308 g

## 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 overlocking software in the world.