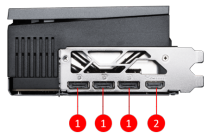




## SPECIFICATIONS

|                                   |   |
|-----------------------------------|---|
| <b>Model Name</b>                 | G5090-32VGC   |
| <b>繪圖引擎</b>                       | NVIDIA® GeForce RTX™ 5090   |
| <b>科技介面</b>                       | PCI Express® Gen 5  |
| <b>動態 / 核心時脈(MHz)</b>             | Extreme Performance: 2497 MHz (MSI Center)<br>Boost: 2482 MHz (GAMING & SILENT Mode)                                    |
| <b>Cores</b>                      | 21760 Units   |
| <b>記憶體速度</b>                      | 28 Gbps   |
| <b>Memory</b>                     | 32GB GDDR7  |
| <b>記憶體介面</b>                      | 512bit  |
| <b>Output</b>                     | DisplayPort x 3 (v2.1b)<br>HDMI™ x 1 (As specified in HDMI™ 2.1b: up to 4K 480Hz or 8K 120Hz with DSC, Gaming VRR, HDR) |
| <b>HDCP Support</b>               | Y   |
| <b>功耗(W)</b>                      | 575W  |
| <b>供電接口</b>                       | 16-pin x 1 (ATX 3.1 PSU recommended)  |
| <b>建議電源供應(W)</b>                  | 1000W   |
| <b>顯示卡尺寸(mm)</b>                  | 357 x 151 x 76 mm   |
| <b>重量 (顯示卡 / 包裝盒)</b>             | 2707 g / 3302 g   |
| <b>DirectX 支援版本</b>               | 12 Ultimate   |
| <b>OpenGL 支援版本</b>                | 4.6   |
| <b>最大螢幕輸出數量</b>                   | 4   |
| <b>G-SYNC® technology</b>         | Y   |
| <b>Marketing Name</b>             | GeForce RTX™ 5090 32G VANGUARD OC   |
| <b>Digital Maximum Resolution</b> | 7680 x 4320   |

## CONNECTIONS



1. DisplayPort
2. HDMI™

## FEATURES



### HYPER FROZR THERMAL DESIGN

An apex evolution of advanced thermal design that delivers unparalleled cooling and quiet operation.



### STORMFORCE FAN

Seven fan blades, claw texturing, and a circular arc are designed for optimal airflow with minimal noise.



### Advanced Vapor Chamber

Built-in Vapor Chamber swiftly transfers heat from the GPU and VRAM to the core pipe for optimal dissipation.



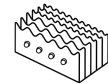
### Core Pipes

Core Pipes feature a square design to maximize contact with the GPU baseplate for optimal thermal management.



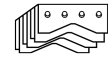
### Filled Fins

Updated heat pipe pathing has allowed more space for additional heatsink fins.



### Wave Curved 4.0

Precision-engineered wave edges with a high-low fin design enhance airflow and reduce turbulence.



### Air Antegrade Fin 2.0

The fins feature a V-shaped cutout and a high-low design at the airflow passthrough to optimize flow efficiency.



### Metal Backplate

A reinforcing metal backplate with airflow vents and thermal pads enhances cooling.



### Dual BIOS

Dual BIOS lets you set the priority to full performance in GAMING mode or low noise in SILENT mode.



### MSI Center

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