



SPECIFICATIONS

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|---------------------------------|---|
| Socket | GeForce RTX™ 3090 SUPRIM X 24G |
| Socket | NVIDIA® GeForce RTX™ 3090 |
| Socket | PCI Express® Gen 4 |
| Socket | 10496 Units |
| Socket | Extreme Performance: 1875 MHz (Dragon Center) Boost: 1860 MHz (GAMING & SILENT Mode) |
| Socket | 19.5 Gbps |
| Socket | 420W |
| Socket | 8-pin x 3 |
| Socket | 750 W |
| Socket | 336 x 140 x 61 mm |
| Socket | 1895g / 3197g |
| Socket | Y |
| Socket | Y |
| Socket | 7680 x 4320 |
| Marketing Name | GeForce RTX™ 5080 16G GAMING TRIO OC WHITE |
| Model Name | G5080-16GTCW |
| Graphics Processing Unit | NVIDIA® GeForce RTX™ 5080 |
| Interface | PCI Express® Gen 5 |
| Cores | 10752 Units |
| Core Clocks | Extreme Performance: 2715 MHz (MSI Center) Boost: 2700 MHz (GAMING & SILENT Mode) |
| Memory Clock Speed | 30 Gbps |
| Memory | 16GB GDDR7 |
| Memory Bus | 256-bit |
| Output | DisplayPort x 3 (v2.1b) HDMI™ x 1 (As specified in HDMI™ 2.1b: up to 4K 480Hz or 8K 120Hz with DSC, Gaming VRR, HDR) |
| HDCP Support | Y |
| Power consumption | 360 W |
| Power connectors | 16-pin x 1 (ATX 3.1 PSU recommended) |
| Recommended PSU | 850 W |
| Card Dimension(mm) | 338 x 140 x 50 mm |
| Weight (Card / Package) | 1362 g / 1885 g |
| DirectX Version Support | 12 Ultimate |

FEATURES



TRI FROZR 4

Upgraded fans, airflow control, and thermal design deliver superior cooling and quieter operation.



STORMFORCE FAN

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



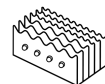
Nickel-plated Copper Baseplate

Heat from the GPU and memory is swiftly captured by a nickel-plated copper baseplate and transferred.



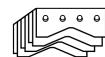
Core Pipes

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



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.

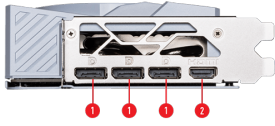


Afterburner

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

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|-----------------------------------|-------------|
| OpenGL Version Support | 4.6 |
| Maximum Displays | 4 |
| G-SYNC™ technology | Y |
| Digital Maximum Resolution | 7680 x 4320 |

CONNECTIONS



1. DisplayPort
2. HDMI™