

SPECIFICATIONS

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|-----------------------------------|---|
| Marketing Name | GeForce RTX™ 5070 12G GAMING TRIO OC |
| Model Name | G5070-12GTC |
| Graphics Processing Unit | NVIDIA® GeForce RTX™ 5070 |
| Interface | PCI Express® Gen 5 |
| Core Clocks | Extreme Performance: 2625 MHz (MSI Center) Boost: 2610 MHz |
| CUDA® CORES | 6144 Units |
| Memory Speed | 28 Gbps |
| Memory | 12GB GDDR7 |
| Memory Bus | 192-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 | 250 W |
| Power connectors | 16-pin x 1 |
| Recommended PSU | 650 W |
| Card Dimension (mm) | 338 x 140 x 50 mm |
| Weight (Card / Package) | 1187 g / 1705 g |
| DirectX Version Support | 12 Ultimate |
| OpenGL Version Support | 4.6 |
| Maximum Displays | 4 |
| G-SYNC® technology | Y |
| Digital Maximum Resolution | 7680 x 4320 |

CONNECTIONS



1. DisplayPort
2. HDMI™

FEATURES



TRI FROZR 4

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



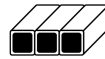
STORMFORCE FAN

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.



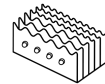
Core Pipes

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



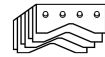
Metal Backplate

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



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.



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.