



SPECIFICATIONS

| | |
|-----------------------------------|---|
| Marketing Name | GeForce RTX™ 5070 12G SHADOW 3X OC |
| Model Name | G5070-12S3C |
| Graphics Processing Unit | NVIDIA® GeForce RTX™ 5070 |
| Interface | PCI Express® Gen 5 |
| Core Clocks | Extreme Performance: 2557 MHz (MSI Center) Boost: 2542 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) | 303 x 121 x 49 mm |
| Weight (Card / Package) | 982 g / 1406 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



Triple Fan

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



TORX FAN 5.0

Fan blades linked by ring arcs and a fan cowl work together to stabilize and maintain high-pressure airflow.



Nickel-plated Copper Baseplate

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



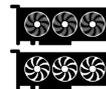
Core Pipes

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



Reinforcing Backplate

The reinforcing backplate features a flow-through design that provides additional ventilation.



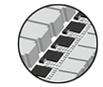
Zero Frozr

The fans completely stop when temperatures are relatively low, eliminating all noise.



Fuse

Additional fuses built into the custom PCB provide additional safeguards against electrical damage.



DrMOS

DrMOS power stage solutions provide great efficiency with low power loss and enhanced voltage controls.



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.