

GRAPHICS CARDS GeForce RTX[™] 5070 12G SHADOW 3X OC









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



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 nickelplated 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



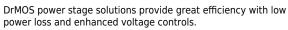
The fans completely stop when temperatures are relatively low, eliminating all noise.

Fuse



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

DrMOS



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.