GRAPHICS CARD

GeForce RTX™ 5070 12G SHADOW 2X OC

SPECIFICATIONS

Marketing Name	GeForce RTX™ 5070 12G SHADOW 2X OC
Memory	12GB GDDR7
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)
Graphics Processing Unit	NVIDIA® GeForce RTX™ 5070
Interface	PCI Express® Gen 5
Core Clock Speed (MHz)	Extreme Performance: 2557 MHz (MSI Center) Boost: 2542 MHz
Memory Interface	192-bit
Memory Clock Speed (MHz)	28 Gbps
OpenGL Version Support	4.6
Maximum Displays	4
HDCP Support	Y
DirectX Version Support	12 Ultimate
Card Dimension(mm)	231 x 126 x 50 mm
Card Weight (g)	724 g / 1107 g
Power consumption (W)	250 W
Recommended PSU (W)	650 W
Digital Maximum Resolution	7680 x 4320
Power Connectors	16-pin x 1
Mic-in/Headphone-out	1/1

CONNECTIONS

1. DisplayPort
2. HDMI™

FEATURES

Dual Fan

Two 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

Zero Frozr is the calm before the storm, keeping fans still and maintaining silence until cooling is needed.

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.

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