



## 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.



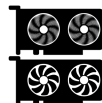
### Core Pipes

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.



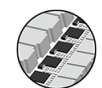
### Zero Frozr

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.