

SPECIFICATIONS

Marketing Name	GeForce RTX™ 5070 12G VENTUS 2X OC WHITE
Model Name	G5070-12V2CW
Cores	6144 Units
Memory	12GB GDDR7
Graphics Engine	NVIDIA® GeForce RTX™ 5070
Interface	PCI Express® Gen 5
Weight (Card / Package)	774 g / 1149 g
Memory Interface	192-bit
Core Clock Speed(MHz)	Extreme Performance: 2557 MHz (MSI Center) Boost: 2542 MHz
Memory Clock Speed(MHz)	28 Gbps
Maximum Displays	4
G-SYNC™ technology	Y
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 (W)	250 W
Recommended Power Supply (W)	650 W
Digital Maximum Resolution	7680 x 4320
Power Connectors	16-pin x1
DirectX Version Support	12 Ultimate
OpenGL Version Support	4.6
Card Dimension(mm)	236 x 126 x 50 mm

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.



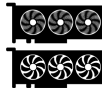
Core Pipes

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



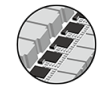
Metal Backplate

A sturdy metal backplate strengthens the graphics card while the airflow vent design reduces excess heat.



Zero Frozr

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



DrMOS

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



Fuse

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



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.