



## SPECIFICATIONS

Marketing Name	GeForce RTX™ 5070 12G VENTUS 3X
Model Name	G5070-12V3
Cores	6144 Units
Memory	12GB GDDR7
Graphics Processing Unit	NVIDIA® GeForce RTX™ 5070
G-SYNC™ technology	Y
Interface	PCI Express® Gen 5
Digital Maximum Resolution	7680 x 4320
Memory Interface	192-bit
Memory Clock Speed (MHz)	28 Gbps
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)
Maximum Displays	4
HDCP Support	Y
DirectX Version Support	12 Ultimate
Card Dimension(mm)	302 x 121 x 49 mm
Card Weight (g)	1002 g / 1440 g
Power consumption (W)	250 W
Recommended PSU (W)	650W
Power Connectors	16-pin x1

## 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.



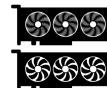
### Core Pipes

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



### Metal Backplate

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



### Zero Frozr

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



### 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.