

# **GeForce RTX™ 5070 12G GAMING TRIO OC WHITE**





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# **SPECIFICATIONS**

Marketing Name	GEFORCE RTX™ 5070 12G GAMING TRIO OC WHITE
Model Name	G5070-12GTCW
<b>Graphics Processing Unit</b>	NVIDIA <sup>®</sup> GeForce RTX™ 5070
Interface	PCI Express <sup>®</sup> Gen 5
Core Clocks	Extreme Performance: 2625 MHz (MSI Center) Boost: 2610 MHz
CUDA® CORES	6144 Units
Memory Speed	28 Gbps
Memory	12GB GDDR7
Memory Bus	_192-bit
Output	DisplayPort x 3 (v2.1b) HDMI <sup>™</sup> x 1 (As specified in HDMI <sup>™</sup> 2.1b: up to 4K 480Hz or 8K 120Hz with DSC, Gaming VRR, HDR)
HDCP Support	Υ
Power consumption	250 W
Power connectors	16-pin x 1
Recommended PSU	650 W
Card Dimension (mm)	338 x 140 x 50 mm
Weight (Card / Package)	1187 g / 1705 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**



- 1. DisplayPort
- 2. HDMI™

## **FEATURES**



#### TRI FROZR 4

Upgraded fans, airflow control, and thermal design deliver superior cooling and quieter operation.



## STORMFORCE FAN

Seven fan blades, claw texturing, and a circular arc are designed for optimal airflow with minimal noise.



# 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 reinforcing metal backplate with airflow vents and thermal pads enhances cooling.



### Wave Curved 4.0

Precision-engineered wave edges with a high-low fin design enhance airflow and reduce turbulence.



## Air Antegrade Fin 2.0

The fins feature a V-shaped cutout and a high-low design at the airflow passthrough to optimize flow efficiency.



## **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.