

GRAPHICS CARDS GEForce RTX<sup>™</sup> 5070 12G GAMING TRIO OC









# **SPECIFICATIONS**

Marketing Name	GeForce RTX <sup>™</sup> 5070 12G GAMING TRIO OC
Model Name	G5070-12GTC
Graphics Processing Unit	NVIDIA <sup>®</sup> GeForce RTX <sup>™</sup> 5070
Interface	PCI Express <sup>®</sup> Gen 5
Core Clocks	Extreme Performance: 2625 MHz (MSI Center) Boost: 2610 MHz
CUDA <sup>®</sup> 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	Y
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 <sup>®</sup> technology	Y
<b>Digital Maximum Resolution</b>	7680 x 4320

## **CONNECTIONS**



# **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 nickelplated 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.

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