

# GRAPHICS CARDS GeForce RTX<sup>™</sup> 5070 12G VENTUS 3X OC









# SPECIFICATIONS

Marketing Name	GeForce RTX <sup>™</sup> 5070 12G VENTUS 3X OC
Model Name	G5070-12V3C
Graphics Processing Unit	NVIDIA <sup>®</sup> GeForce RTX <sup>™</sup> 5070
Interface	PCI Express <sup>®</sup> Gen 5
Core Clocks	Extreme Performance: 2557 MHz (MSI Center) Boost: 2542 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 x1
Recommended PSU	650W
Card Dimension (mm)	302 x 121 x 49 mm
Weight (Card / Package)	1002 g / 1440 g
DirectX Version Support	12 Ultimate
<b>OpenGL Version Support</b>	4.6
Maximum Displays	4
G-SYNC <sup>®</sup> technology	Y
Digital Maximum Resolution	7680 x 4320

# **CONNECTIONS**



# **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 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 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.