

GeForce RTX™ 5070 12G VANGUARD SOC  
LAUNCH EDITION

## SPECIFICATIONS

Model Name	G5070-12VGSL
繪圖引擎	NVIDIA® GeForce RTX™ 5070
科技介面	PCI Express® Gen 5
動態 / 核心時脈(MHz)	Extreme Performance: 2655 MHz (MSI Center) Boost: 2640 MHz
Cores	6144 Units
記憶體速度	28 Gbps
Memory	12GB GDDR7
記憶體介面	192-bit
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
功耗(W)	250W
供電接口	16-pin x 1 (ATX 3.1 PSU recommended)
建議電源供應(W)	650W
顯示卡尺寸(mm)	337 x 140 x 61 mm
重量 (顯示卡 / 包裝盒)	1503 g / 3382 g
DirectX 支援版本	12 Ultimate
OpenGL 支援版本	4.6
最大螢幕輸出數量	4
G-SYNC® technology	Y
Marketing Name	GeForce RTX™ 5070 12G VANGUARD SOC LAUNCH EDITION
Digital Maximum Resolution	7680 x 4320

## CONNECTIONS



1. DisplayPort
2. HDMI™

## FEATURES



## HYPER FROZR THERMAL DESIGN

An apex evolution of advanced thermal design that delivers unparalleled cooling and quiet operation.



## STORMFORCE FAN

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



## Advanced Vapor Chamber

Built-in Vapor Chamber swiftly transfers heat from the GPU and VRAM to the core pipe for optimal dissipation.



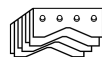
## Core Pipes

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



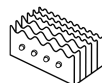
## Filled Fins

Updated heat pipe pathing has allowed more space for additional heatsink fins.



## 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.



## Wave Curved 4.0

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



## Metal Backplate

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



## 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.