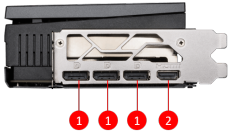## SPECIFICATIONS

Marketing Name	GeForce RTX™ 5070 12G VANGUARD SOC
Memory	12GB GDDR7
Vi xử lý đồ họa	NVIDIA® GeForce RTX™ 5070
Chuẩn giao tiếp	PCI Express® Gen 5
Bus bộ nhớ	192-bit
Xung nhịp nhân đồ họa(MHz)	Extreme Performance: 2655 MHz (MSI Center) Boost: 2640 MHz
Xung nhịp bộ nhớ (MHz)	28 Gbps
Hỗ trợ màn hình tối đa	4
G-SYNC™ technology	Y
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)
Hỗ trợ HDCP	Y
Công suất tiêu thụ (W)	250W
Công suất nguồn đề nghị (W)	650W
Digital Maximum Resolution	7680 x 4320
Nguồn phụ	16-pin x 1 (ATX 3.1 PSU recommended)
Hỗ trợ phiên bản DirectX	12 Ultimate
Hỗ trợ phiên bản OpenGL	4.6
Kích thước (mm)	337 x 140 x 61 mm
Cân nặng	1503 g / 2296 g

CONNECTIONS
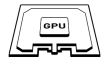

1. DisplayPort
2. HDMI™

FEATURES

HYPER FROZR THERMAL DESIGN

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

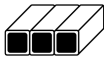**STORMFORCE FAN**

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.
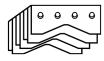
Core Pipes

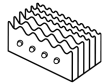Core Pipes feature a square design to maximize contact with the GPU baseplate for optimal thermal management.

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.

Generated 2025-06-05, check for the latest version www.msi.com/datasheet. The information provided in this document is intended for informational purposes only and is subject to change without notice.