



SPECIFICATIONS

Marketing Name	GeForce RTX™ 5070 Ti 16G VANGUARD SOC LAUNCH EDITION
Cores	8960 Units
Memory	16GB GDDR7
Card Dimension (mm)	357 x 151 x 66 mm
Velocità Core Clock (MHz)	Extreme Performance: 2602 MHz (MSI Center) Boost: 2588 MHz (GAMING & SILENT Mode)
Velocità Memory Clock (MHz)	28 Gbps
Schermi massimi	4
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)
Consumi Energetici (W)	300W
Alimentatore raccomandato (W)	750W
Digital Maximum Resolution	7680 x 4320
Connettori di alimentazione	16-pin x 1 (ATX 3.1 PSU recommended)
Versione DirectX Supportata	12 Ultimate
Versione OpenGL Supportata	4.6
Peso	1945 g / 3991 g

CONNECTIONS



1. DisplayPort
2. HDMI™

FEATURES

HYPER FROZR THERMAL DESIGN



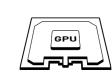
An apex evolution of advanced thermal design that delivers unparalleled cooling and quiet operation.

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



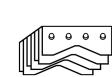
Core Pipes feature a square design to maximize contact with the GPU baseplate for optimal thermal management.

Filled Fins



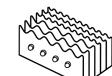
Updated heat pipe pathing has allowed more space for additional heatsink fins.

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.

Dual BIOS



Dual BIOS lets you set the priority to full performance in GAMING mode or low noise in SILENT mode.

MSI Center



The exclusive MSI Center software lets you monitor, tweak and optimize MSI products in real-time.