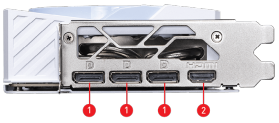
GRAPHICS CARDS

GeForce RTX™ 5070 Ti 16G FRIEREN EDITION OC

SPECIFICATIONS

Marketing Name	GeForce RTX™ 5070 Ti 16G FRIEREN EDITION OC
Memory	16GB GDDR7
HDCP Support	Y
Graphics Engine	NVIDIA® GeForce RTX™ 5070 Ti
Bus Standard	PCI Express® Gen 5
Memory Interface	256-bit
Core Clock Speed(MHz)	Extreme Performance: 2580 MHz (MSI Center) Boost: 2572 MHz (GAMING & SILENT Mode)
Memory Clock Speed(MHz)	28 Gbps
Maximum Displays	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)
Power consumption (W)	300 W
Recommended Power Supply (W)	750 W
Digital Maximum Resolution	7680 x 4320
Power Connectors	16-pin x 1 (ATX 3.1 PSU recommended)
DirectX Version Support	12 Ultimate
OpenGL Version Support	4.6
Mic-in/Headphone-out	1/1
Card Dimension(mm)	338 x 140 x 50 mm
Weight	1285 g / 3006 g

CONNECTIONS



1. DisplayPort
2. HDMI™

FEATURES

STORMFORCE FAN

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

TRI FROZR 4

Upgraded fans, airflow control, and thermal design deliver superior cooling and quieter operation.

Nickel-plated Copper Baseplate

Heat from the GPU and memory is swiftly captured by a nickel-plated copper baseplate and transferred.

Core Pipes

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

Heat-Reveal Metal Backplate

A sturdy metal backplate for strength, airflow vents for cooling, thermochromic-ink zone for heat-reveal artwork.

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.

Dual BIOS

Dual BIOS gives you the choice to prioritize for 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.

Afterburner

Take full control with the most recognized and widely used graphics card overclocking software in the world.

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