



©GoroHito Yamada, Takahisa Abo/Shingun/Ar/ "Frieren" Project

©NVIDIA Corporation. All rights reserved.

SPECIFICATIONS

| | |
|-------------------------------------|---|
| Marketing Name | GeForce RTX™ 5070 Ti 16G FRIEREN EDITION OC |
| Memory | 16GB GDDR7 |
| Graphics Engine | NVIDIA® GeForce RTX™ 5070 Ti |
| Bus Standard | PCI Express® Gen 5 x16 |
| 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 |
| 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) |
| HDCP Support | Y |
| 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 |
| Card Dimension(mm) | 338 x 140 x 50 mm |
| Weight | TBD |

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.



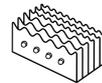
Core Pipes

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



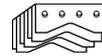
Heat-Reveal Metal Backplate

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.