# **MSi**

## **GeForce RTX™ 5070 Ti 16G EXPERT OC**







## **SPECIFICATIONS**

Marketing Name	GeForce RTX™ 5070 Ti 16G EXPERT OC
Model Name	G507T-16EC
<b>Graphics Processing Unit</b>	NVIDIA <sup>®</sup> GeForce RTX <sup>™</sup> 5070 Ti
Interface	PCI Express <sup>®</sup> Gen 5 x16
Core Clocks	Extreme Performance: 2588 MHz (MSI Center) Boost: 2580 MHz
CUDA® CORES	8960 Units
Memory Speed	28 Gbps
Memory	16GB GDDR7
Memory Bus	256-bit
Output	DisplayPort x 3 (v2.1b) HDMI <sup>™</sup> x 1 (Supports 4K@480Hz HDR, 8K@120Hz HDR, and Variable Refresh Rate as specified in HDMI <sup>™</sup> 2.1b)
HDCP Support	Υ
Power consumption	300W
Power connectors	16-pin x1
Recommended PSU	750 W
Card Dimension (mm)	319 *150*60 mm
Weight (Card / Package)	1875 g / 2745g
DirectX Version Support	12 Ultimate
OpenGL Version Support	4.6
Maximum Displays	4
G-SYNC® technology	Υ
Digital Maximum Resolution	7680 x 4320

## **CONNECTIONS**



- ${\bf 1.\ DisplayPort}$
- 2. HDMI™

## **FEATURES**



#### FLOW FROZR 2

Designed for silence and performance, MSI's Flow Frozr 2 delivers exceptional cooling to keep your graphics card performing at its best.



#### **Push Pull Airflow**

Cooling efficiency is improved with two fans working collaboratively to reduce heat buildup.



#### **Aluminum Die-Casting**

Overall structural integrity is enhanced with metal material while the flow-through ventilation reduces trapped heat.



#### Zero Frozr

The fans completely stop when temperatures are relatively low, eliminating all noise.



#### 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.



## Optimized Heat Distribution - Core Pipe

Square-shaped Core Pipes maximize heat dissipation with the Vapor Chamber for superior cooling.



## Afterburner

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



#### MSI Center

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



#### **Optimized Fin Design**

Precisely engineered fins maximize heat dissipation, ensuring consistent cooling efficiency and sustained peak performance.