GRAPHICS CARDS

GeForce RTX™ 4070 Ti SUPRIM X 12G







SPECIFICATIONS

Model Name	GeForce RTX™ 4070 Ti SUPRIM X 12G
Graphics Processing Unit	NVIDIA® GeForce RTX™ 4070 Ti
Interface	PCI Express® Gen 4
Core Clocks	Extreme Performance: 2790 MHz (MSI Center) Boost: 2775 MHz (GAMING & SILENT Mode)
CUDA® CORES	7680 Units
Memory Speed	21 Gbps
Memory	12GB GDDR6X
Memory Bus	192-bit
Output	DisplayPort x 3 (v1.4a) HDMI™ x 1 (Supports 4K@120Hz HDR, 8K@60Hz HDR, and Variable Refresh Rate as specified in HDMI 2.1a)
HDCP Support	Y
Power consumption	285 W
Power connectors	16-pin x 1
Recommended PSU	750 W
Card Dimension (mm)	338 x 142 x 73 mm
Weight (Card / Package)	2019g / 3224g
DirectX Version Support	12 Ultimate
OpenGL Version Support	4.6
Maximum Displays	4
G-SYNC® technology	Y
Digital Maximum Resolution	7680x4320

FEATURES

TRI FROZR 3S

Push performance with the latest MSI cooling design and elevate sophistication with a prestigious appearance.

TORX FAN 5.0

Fan blades linked by ring arcs and a fan cowl work together to stabilize and maintain high-pressure airflow.

Copper Baseplate

The CNC machined nickel-plated copper base captures heat from the GPU and the memory then rapidly transfers it to Core Pipes.

Core Pipe

Precision-machined heat pipes ensure max contact and spread heat along the full length of the heatsink.

Airflow Control

Sections of different heatsink fins disrupt unwanted airflow harmonics and reduce noise.

Air Antegrade Fin

A section of V-shape heatsink and side-fins work to refocus air resistance at the passthrough.

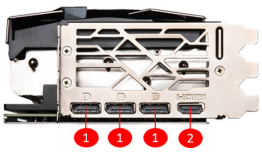
Metal Backplate

Thermal pads under the sturdy metal backplate provide additional cooling while the flow-through ventilation reduces trapped heat.

MSI Center

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

CONNECTIONS



1. DisplayPort
2. HDMI

Generated 2023-01-18, 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.

© 2023 Micro-Star Int'l Co.Ltd. MSI is a registered trademark of Micro-Star Int'l Co.Ltd. All rights reserved.© 2023 NVIDIA, the NVIDIA logo, GeForce, SHIELD, and NVIDIA G-SYNC are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries.