



17 January 2024 – Manli Technology Group Limited is proud to announce the Manli GeForce RTX™ 4070 Super. Built with the ultra-efficient NVIDIA Ada Lovelace architecture, it brings your games and creative projects to life with accelerated ray tracing and AI-powered graphics.

Increased Performance

NVIDIA® GeForce RTX™ 40 Super Series GPUs are beyond fast for gamers and creators, it supports NVIDIA's newest Ray Tracing Core, Tensor Cores and DLSS 3 technology which makes the RTX 4070 Super more powerful. Clock speed has been boosted to 2475 MHz.

There are 7,168 CUDA® cores onboard powering the RTX™ 4070 Super. It also has 12GB of memory, and GDDR6X memory speeds of up to 21Gbps.

Manli Design

The Manli GeForce RTX™ 4070 Super features brushed green and clean lines, with 2 x 10cm patented fans. The aluminum back plate lends structural rigidity to a 3.5 slot card. 4 copper composite heat pipes and segmented heat sink design help to effectively dissipate heat.

Get equipped for stellar gaming and creating with the NVIDIA® GeForce RTX™ 4070 Super.



About Manli Technology Group Limited

Established in 1996, Manli Technology Group Ltd. has been a major manufacturer and supplier of Computer Graphics Cards, Mining Systems, Mining Cards, and other peripherals/components. Manli has been able to fulfill various needs in the continuously changing IT industry. With an innovative R&D team and strict quality control standards, Manli's products always mean performance, reliability, and conformance. Our goal is to provide high-performance products at competitive prices.

For more information, please visit <https://www.manli.com>

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GeForce RTX™ 4070 Super



1980
/
2475 MHz

7168
CUDA

12 GB
GDDR6X



Chipset

Product Name	Manli GeForce RTX® 4070 Super
Part Number	M-NRTX4070S/BRFHPPP-M2592
NVIDIA CUDA® Cores	7168

GPU Clock

Base	1980 MHz
Boost	2475 MHz

Memory Specifications

Standard Memory Config	12GB GDDR6X
Memory clock	10500 MHz
Memory bus width	192 bit
Peak memory bandwidth	Up to 504 GB/s
Memory speed	21 Gbps

Display /Interface

Maximum resolutions	7680 x 4320
Output Ports	HDMI + 3 x DP
PCI Express interface	PCI Express 4.0
NVLink bridge	Not Supported

Thermal /Component power

TGP(Total Graphics Power)	220W
Width	3-Slot
Card dimension (Included fan)	264 x 127 x 56mm
Card dimension (PCB only)	167.25 x 111.15 x 1.6mm
Maximum GPU Temperature	90°C
Cooling design	Heatsink with Twin Cooler
Power connector	1 x PCIe Gen5 16-pin

Packaging

Box size	380 x 190 x 90mm
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System Requirement

- > PCI Express® graphics slot required
- > Internet connection and 2 GB available disk space for driver installation required
- > System space for a 3-slot card required
- > Two 8-pin power connectors required
- > 650W system power supply required
- > 32 GB system memory recommended
- > Microsoft® Windows® 11 64-bit or Linux 64-bit

Key Features

- > Dedicated Ray Tracing Cores
- > Dedicated Tensor Cores
- > NVIDIA DLSS 3
- > Game Ready and NVIDIA Studio Drivers
- > NVIDIA® GeForce Experience™
- > NVIDIA Broadcast
- > NVIDIA G-SYNC®
- > NVIDIA GPU Boost™
- > Microsoft DirectX® 12 Ultimate
- > PCI Express® Gen 4
- > Vulkan RT APIs, Vulkan 1.3, OpenGL 4.6
- > HDCP 2.3
- > DisplayPort 1.4a, up to 4K at 240Hz or 8K at 60Hz with DSC, HDR
- > As specified in HDMI 2.1a: up to 4K 240Hz or 8K 60Hz with DSC, Gaming VRR, HDR

Included In The Box

- > 16PIN to 2 x 8PIN power cable
- > Graphics card supporting pole

*All product photos and Specifications are subjected to change without prior notice.

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* The above information shows the general technical specifications of the product and does not represent actual configuration. For specific configurations and their availability, please check with your local distributors