



31 January 2024 – Manli Technology Group Limited is proud to announce the Manli GeForce RTX™ 4080 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™ 4080 Super more powerful. Clock speed has been boosted to 2550 MHz.

There are 10,240 CUDA® cores onboard powering the RTX™ 4080 Super. It also has 16GB of memory, and GDDR6X memory speeds of up to 23Gbps.

### **Manli Design**

The Manli GeForce RTX™ 4080 Super comes out with 3 versions, overclock, classic, and snow white cover version, all 3 models feature powerful triple cooling, and also with RGB cycle through seven colors which can switch on or off upon your preference.

The Manli GeForce RTX™ 4080 Super Gallardo with 3 x 10cm patented fans, built with the aluminum back plate lends structural rigidity to a 3.2-slot card. 8 copper composite heat pipes and segmented heat sink design help to effectively dissipate heat.

Besides, there are 2 spirit levels on the top of fan cover, it helps user to verify if the card is installed securely without sagging.



The classic version features brushed gray and clean lines, with 2 x 10cm fans and a 9cm center fan, built with the aluminum back plate lends structural rigidity to the 3-slot GPU. Seven copper composite heat pipes and segmented heat sink design help to effectively dissipate heat.

The snow white cover version, chic design, symbolizing high-quality personal taste, makes your computer more stylish. It's equipped with 3 x 9cm patented fans, built with 6 copper composite heat pipes and segmented heat sink design help to effectively dissipate heat, ensuring effective heat dissipation even during intensive computing & heavy loading. It continues the design from previous powerful models, keeping the two spirit levels feature. It's not only enhances the technology appearance but also makes user installation easier. Elegantly fashionable in snowy white, it's irresistible for gamers and creators!

All versions support idle fan stop mode, but provide the alternative solutions for users with different needs.

Get equipped for stellar gaming and creating with the NVIDIA® GeForce RTX™ 4080 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™ 4080 Super Gallardo



## Chipset

Product Name	Manli GeForce RTX™ 4080 Super
Part Number	M-NRTX4080SG/GRMHPPP-M3535
NVIDIA CUDA® Cores	10240

## GPU Clock

Base	2295 MHz
Boost	2550 MHz

## Memory Specifications

Standard Memory Config	16GB GDDR6X
Memory clock	11500 MHz
Memory bus width	256 bit
Peak memory bandwidth	Up to 736 GB/s
Memory speed	23 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)	320W
Width	3.2-Slot
Card dimension (Included fan)	351 x 145 x 63mm
Card dimension (PCB only)	232.35 x 134.45 x 1.6mm
Maximum GPU Temperature	90°C
Cooling design	Heatsink with Triple Cooler
Power connector	1 x PCIe Gen5 16-pin

## Packaging

Box size	439.5 x 229 x 112mm
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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 3.2-slot card required
- > Three PCIe 8-pin power connectors required
- > 750W 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

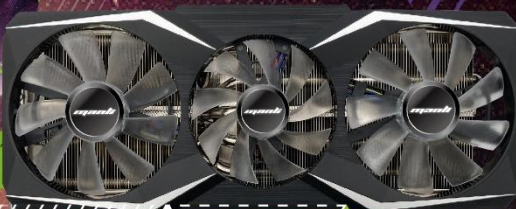
## Included In The Box

- > 16PIN to 3 x 8PIN power cable
- > Graphics card supporting pole



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# GeForce RTX™ 4080 Super



2295  
/  
2550 MHz

10240  
CUDA

16 GB  
GDDR6X



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Part Number	M-NRTX4080S/6RMHPPP-M3520
NVIDIA CUDA® Cores	10240

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## Memory Specifications

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## 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)	320W
Width	3-Slot
Card dimension (Included fan)	320 x 138 x 58mm
Card dimension (PCB only)	205 x 134.45 x 1.6mm
Maximum GPU Temperature	90°C
Cooling design	Heatsink with Triple Cooler
Power connector	1 x PCIe Gen5 16-pin

## Packaging

Box size	410 x 225 x 110mm
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- > 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
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\*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*