



13<sup>th</sup> of April, 2023 – Manli Technology Group Limited is thrilled to announce the new member added to the already excellent collection of 40 series graphics cards, entering Manli GeForce RTX 4070!

As the latest product manufactured by Manli and authorized by NVIDIA®, GeForce RTX 4070 would possess lesser size to its peers yet still provides powerful performance thanks to the new Ada Lovelace architecture. It has all tendencies to satisfy user's critical need and has everything ready to deliver.

### **Simply Beyond Fast**

NVIDIA® Ada Lovelace Streaming Multiprocessors offer ultra performance as well as power efficiency, while NVIDIA® DLSS 3 technology provide up to 2X ray tracing performance for ultimate gaming experience with smooth graphic and lightning speed. Built on a TSMC 4N process and features a large L2 cache, it is ready to unleash all possibilities and creation beyond imagination.

### **Manli's Signature Design**

Glossy matte imitation with pattern engraving on the front, a tough look but also super lightweight to save spaces for chassis and to achieve better heat dissipation efficiency. Two 100 mm fans adopt with oil-bearing gives stable lubrication, as this would not only reduce the wear and tear rate but also extend its longevity. Pure copper back plate that underwent process of electroplating possesses rock-solid structure and to prevent deformation.

Finally, we sincerely invite you to join this incredible experience with us.



## **About Manli Technology Group Limited**

Established in 1996, Manli Technology Group Ltd. is 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>

### **Media Contact**

#### **Shawn Yang**

Manli Technology Group Limited

Tel: (886) 2 – 2555 8881 #61

Fax: (886) 2 – 2555 5829

Email: [shawn@manli.com.hk](mailto:shawn@manli.com.hk)

# GeForce RTX<sup>®</sup> 4070



1920 / 2475 MHz  
5888 CUDA  
12 GB GDDR6X



Chipset	
Product Name	NVIDIA GeForce RTX <sup>®</sup> 4070
Part Number	M-NRTX4070/BRFHPPP-M2545
NVIDIA CUDA <sup>®</sup> Cores	5888

GPU Clock	
Base	1920 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 × 4320
Output Ports	HDMI + 3 × DP
PCI Express interface	PCI Express 4.0
NVLink bridge	Not Supported

Thermal /Component power	
TGP(Total Graphics Power)	200W
Width	3.5-Slot
Card dimension (Included fan)	254 x 128 x 53mm
Card dimension (PCB only)	167 x 111 x 1.6mm
Maximum GPU Temperature	90 °C
Cooling design	Heatsink with Twin Cooler
Power connector	1 x 8-pin

Packaging	
Box size	321 x 171 x 90mm

### System Requirement

- > PCI Express<sup>®</sup> graphics slot required
- > Internet connection and 2 GB available disk space for driver installation required
- > System space for a 3-slot card required
- > Three one 8-pin power connectors required
- > 600W system power supply required
- > 32 GB system memory recommended
- > Microsoft<sup>®</sup> Windows<sup>®</sup> 11 64-bit (build 2004 or later recommended) or Linux 64-bit

### Key Features

- > Dedicated Ray Tracing Cores
- > Dedicated Tensor Cores
- > NVIDIA DLSS 3
- > Game Ready and NVIDIA Studio Drivers
- > NVIDIA<sup>®</sup> GeForce Experience™
- > NVIDIA Broadcast
- > NVIDIA G-SYNC<sup>®</sup>
- > NVIDIA GPU Boost™
- > Microsoft DirectX<sup>®</sup> 12 Ultimate
- > PCI Express<sup>®</sup> 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
- > Fan-stop function at idle state to reduce noise and conserve energy

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

www.manli.com

\* 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.