



2 February 2024 – Manli Technology Group Limited is proud to announce the Manli GeForce RTX™ 3050 6GB. It will be based on the NVIDIA Ampere architecture.

The NVIDIA Ampere architecture, designed for the age of elastic computing, rises to all these challenges, providing unmatched acceleration at every scale.

Increased Performance

Building upon RTX, the second-generation of GPUs will feature new RT Cores, Tensor Cores, and streaming multiprocessors. There are 2,304 CUDA® cores onboard powering the 3050. It also has 6GB of memory, and GDDR6 memory speeds of up to 14Gbps. Moreover, the Manli GeForce® RTX™ 3050 6GB is designed for lower power consumption, requiring only 70W.

Manli Design

The Manli GeForce RTX™ 3050 6GB single fan features a sleek black fan cover, with a single 9cm patented fan. It is designed especially for the users who require a simple outlook or use a mini-ITX pc case. Additionally, there is a low profile version with twin cooling provide the alternative solutions for users with different needs.

Manli's RTX3050 6GB must be the valuable version you've ever tried !!!



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™ 3050



Key Features

- > 2nd Gen Ray Tracing cores
- > 3rd Gen Tensor Cores
- > PCI Express® Gen 4
- > Microsoft DirectX® 12 Ultimate
- > GDDR6 Graphics Memory
- > NVIDIA DLSS
- > NVIDIA® GeForce Experience™
- > NVIDIA G-SYNC®
- > NVIDIA GPU Boost™
- > Game Ready Drivers
- > Vulkan RT API, OpenGL 4.6
- > DisplayPort 1.4a, HDMI 2.1
- > HDCP 2.3
- > Supports 4K 120Mhz HDR, 8K 60Mhz HDR and Variable Refresh Rate specified in HDMI 2.1

PRODUCT SPECIFICATIONS

Product Name	Manli GeForce RTX™ 3050
Chipset Name	GeForce RTX™ 3050
Model Name	M-NRTX3050/6REHDP-M1 586
Base/Boost Clock	1042/1470MHz
NVIDIA CUDA® Cores	2304
Memory Configuration	6GB GDDR6
Memory Speed	14Gbps
Memory Interface	96-bit
Memory Bandwidth	Up to 168GB/s
Width	2-Slot
Card Dimension (Included fan)	149 x 113 x 40mm
Card Dimension (PCB only)	144.75 x 111.15 x 1.6mm
Graphics Card Power	70W
Maximum GPU Temperature	93 C
Cooling Design	Heatsink with single Cooler
Output Ports	DisplayPort, HDMI, DVI-D
Box Size	240 x 165 x 60mm

System Requirement

- > PCI Express® graphics slot required
- > Internet connection and 2 GB available disk space for driver installation required
- > System space for a 2-slot card required
- > One PCIe 6-pin power connector required
- > 550W system power supply required
- > 16 GB system memory or better
- > Microsoft® Windows® 11 64-bit or Linux 64-bit



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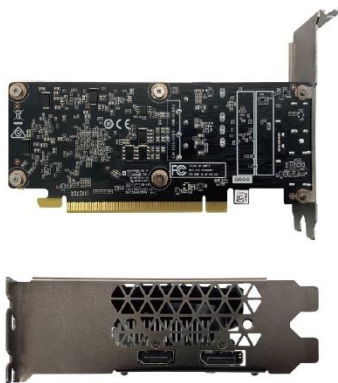
GRAPHICS CARD

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



GEFORCE RTX™ 3050

PRODUCT SPECIFICATIONS



Product Name	Manli GeForce RTX™ 3050
Chipset Name	GeForce RTX™ 3050
Model Name	M-NRTX3050/6REHP-M2587
Base/Boost Clock	1042/1470MHz
NVIDIA CUDA® Cores	2304
Memory Configuration	6GB GDDR6
Memory Speed	14Gbps
Memory Interface	96-bit
Memory Bandwidth	168GB/s
Width	2-Slot
Card Dimension (Included fan)	162 x 71 x 39mm
Card Dimension (PCB only)	160 x 68.9 x 1.6mm
Graphics Card Power	70W
Maximum GPU Temperature	93 C
Cooling Design	Heatsink with Twin Cooler
Output Ports	DisplayPort, HDMI
Box Size	240 x 165 x 60mm

Key Features

- > 2nd Gen Ray Tracing cores
- > 3rd Gen Tensor Cores
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- > Microsoft DirectX® 12 Ultimate
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Included In The Box

- > Short bracket



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GRAPHICS CARD

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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