



05 Oct 2020 – Manli Technology Group, Limited is proud to announce the Manli GeForce RTX™ 3090. It will be based on the NVIDIA Ampere architecture, and offer TITAN-class performance.

Increased Performance

Building upon RTX, the second-generation of GPUs will feature new RT Cores, Tensor Cores, and streaming multiprocessors. The RT and Tensor Cores both have double the throughput as before. There are 10,496 CUDA® cores onboard powering the 3090. It also possesses an unprecedented 24GB of memory, and GDDR6X memory speeds of up to 19.5Gbps. This makes the 3090 up to 50% faster than the current TITAN RTX.

Manli Design

The triple fan front plate features clean lines with subtle accents. The aluminum back plate lends structural rigidity to the 3-slot GPU. Six copper composite heat pipes and segmented heat sink design help to effectively dissipate heat.

AI-acceleration will be greatly empowered by the onboard technology, and this inspired the packaging design. The front features a colorful explosion of connections representing the unlocked potential the new GPUs provides.

Gaming and Graphics Capabilities

AI capabilities have been given more power to work with. NVIDIA DLSS boosts frame rates without compromising image quality. More games support RTX 10, and can now be played in 60fps at 8K quality.

AI-acceleration in gaming and graphic design will empower any creative endeavor. The Manli GeForce RTX™ 3090 is set to take gaming and graphics to the next level.



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™ 3090

GRAPHICS REINVENTED

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Key Features

- > 2nd Gen Ray Tracing Cores
- > 3rd Gen Tensor Cores
- > PCI Express® Gen 4
- > Microsoft DirectX® 12 Ultimate
- > GDDR6X Graphics Memory
- > NVIDIA DLSS
- > NVIDIA® GeForce Experience™
- > NVIDIA G-SYNC®
- > NVIDIA GPU Boost™
- > NVIDIA NVLink™ (SLI-Ready)
- > Game Ready Drivers
- > Vulkan RT API, OpenGL 4.6
- > DisplayPort 1.4a, HDMI 2.1
- > HDCP 2.3
- > VR Ready

PRODUCT SPECIFICATIONS

Product Name	Manli GeForce RTX™ 3090
Chipset Name	GeForce RTX™ 3090
Model Name	M-NRTX3090/6RHHPPP-M3478
Base/Boost Clock	1395/1695MHz
NVIDIA CUDA® Cores	10496
Memory Configuration	24GB GDDR6X
Memory Speed	19.5Gbps
Memory Interface	384-bit
Memory Bandwidth	936GB/s
Width	3-Slot
Card Dimension (Included fan)	317 x 115 x 60mm
Card Dimension (PCB only)	213.36 x 109.35 x 1.6mm
Graphics Card Power	350W
Maximum GPU Temperature	93°C
Cooling Design	Heatsink with Triple Cooler
Output Ports	3 x DisplayPort, HDMI
Box Size	380 x 190 x 90mm

System Requirement

- > PCI Express® graphics slot required
- > Internet connection and 2GB available disk space for driver installation required
- > System space for a 3-slot card required
- > Two PCIe 8-pin power connectors required
- > 750W system power supply required
- > 32 GB system memory recommended
- > Microsoft® Windows® 10 64-bit (build 2004 or later recommended) or Linux 64-bit

Included In The Box

- > Driver DVD
- > User Manual



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GRAPHICS CARD

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

* 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