



10 Nov 2020 – Manli Technology Group, Limited is proud to announce the Manli GeForce RTX™ 3090 Gallardo. 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. The Gallardo will also be overclocked to 1710MHz.

### **Manli Design**

The triple fan front plate features clean lines with subtle accents. The Gallardo also has RGB lights that cycles through seven colors. 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, 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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### GRAPHICS REINVENTED

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The Gallardo will also feature RGB lights that will automatically cycle through seven colors. There are 10,496 CUDA® cores onboard powering the 3090. It also possesses an unprecedented 24GB of memory, and memory speed up to 19.5Gbps. The 3090 Gallardo is set to take gaming and graphics to the next level.

### 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 Gallardo |
| Chipset Name                  | GeForce RTX™ 3090                |
| Model Name                    | M-NRTX3090G/6RHHPPP-M3481        |
| Base/Boost Clock              | 1395/1710MHZ                     |
| 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 2 GB 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