



5 Oct 2020 – Manli Technology Group, Limited is proud to announce the Manli GeForce RTX™ 3080. It will be based on the NVIDIA Ampere architecture.

### **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 8,704 CUDA® cores onboard powering the 3080. It also possesses 10GB of memory, and GDDR6X memory speeds of up to 19Gbps. This makes the 3080 twice as fast as the 2080 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 4K quality.



## **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>

### **Media Contact**

**Peter Kuo**

Manli Technology Group Limited

Tel: (886) 2 – 2555 8881 # 61

Fax: (886) 2 – 2555 5829

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



## GEFORCE RTX™ 3080

### 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™
- > 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™ 3080
Chipset Name	GeForce RTX™ 3080
Model Name	M-NRTX3080/6RJHPPP-M3478
Base/Boost Clock	1440/1710MHz
NVIDIA CUDA® Cores	8704
Memory Configuration	10GB GDDR6X
Memory Speed	19Gbps
Memory Interface	320-bit
Memory Bandwidth	760GB/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	320W
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



#### Hong Kong Office(Headquarters):

Unit 1601, 16/F, Seaview Centre, 139- 141  
Hoi Bun Road, Kwun Tong, Kowloon, Hong Kong  
Tel: (852) 2344 2833 Fax: (852) 2343 4332  
www.manli.com

#### Taiwan Branch:

9F.C, No. 2, Sec. 1, Fuxing S. Rd., Zhongshan Dist.,  
Taipei City 104, Taiwan (R.O.C.)  
Tel: (886) 2 2555 8881 Fax: (886) 2 2555 5829  
E-mail : marketing@manli.com.hk

## 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