manli NEBULA

GEFORCE RTX

# Nebula GeForce RTX™ 5070 Ti

| Chipset | |
|---|---|
| Product name | Manli Nubula GeForce RTX 5070 Ti |
| Part number | M-N507TIN/D716G-M3639 |
| NVIDIA CUDA® Cores | 8960 |

| GPU Clock | |
|---|---|
| Base | 2295 MHz |
| Boost | 2452 MHz |

| Graphics Processor | |
|---|---|
| Shader Cores | Blackwell |
| Tensor Cores (AI) | 5th Gen / 1406 AI TOPS |
| RT Cores | 4th Gen / 133 TFLOPS |
| DLSS | DLSS 4 |

| Memory Specifications | |
|---|---|
| Standard memory Config | 16GB GDDR7 |
| Memory clock | 14000 MHz |
| Memory bus width | 256 bit |
| Peak memory bandwidth | Up to 896 GB/s |
| Effective memory clock | 28.0 Gbps |

| Display /Interface | |
|---|---|
| Maximum resolutions | 7680 x 4320 |
| Display connectors | HDMI + 3 x DP |
| PCI express interface | PCI Express 5.0 |

| Thermal /Component power | |
|---|---|
| TGP(Total Graphics Power) | 300W |
| Slots | 3-Slot |
| Card dimension (Included fan) | 324 x 139 x 51mm |
| Card dimension (Without bracket) | 312 x 124 x 51mm |
| Maximum GPU temperature | 88 °C |
| Cooling design | Heatsink with Triple Cooler |
| Power connector | 1 x PCIe Gen5 16-pin |

| Packaging | |
|---|---|
| Box size | 405 x 240 x 112mm |
| Product net weight | 1.17 kg |

**1406** AI TOPS

**2295 MHz ~ 2452 MHz**

**16 GB** GDDR7

**Solid & Durable**

## 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
> Recommend PCIe CEM 5.1 compliant PSU
> 750W system power supply required
> 32 GB system memory recommended
> Microsoft® Windows® 11 64-bit or Linux 64-bit

## Key Features

> Dedicated Ray Tracing Cores
> Dedicated Tensor Cores
> NVIDIA DLSS
> Game Ready and NVIDIA Studio Drivers
> NVIDIA® App
> NVIDIA Broadcast
> NVIDIA G-SYNC®
> NVIDIA GPU Boost™
> PCI Expresse® Gen 5
> Microsoft DirectX® 12 Ultimate
> Vulkan 1.4, OpenGL 4.6
> HDCP 2.3
> DisplayPort 2.1b with UHBR20: up to 4K at 480Hz or 8K 165Hz with DSC
> As specified in HDMI 2.1b: up to 4K 480Hz or 8K 120Hz with DSC, Gaming VRR, HDR
> Fan-stop function at idle state to reduce noise and conserve energy

## Included In The Box

> Graphics card manual
> 16PIN to 2*8PIN power cable
> Graphics card supporting pole

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

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