manli NEBULA

NVIDIA GEFORCE RTX

Nebula GeForce RTX™ 5050

421 AI TOPS

2317 MHz ~ **2572** MHz

8 GB GDDR6

Solid & Durable

Chipset	
Product name	Manli Nebula GeForce RTX 5050
Part number	M-N505N/D68G-M2667
NVIDIA CUDA® Cores	2560

GPU Clock	
Base	2317 MHz
Boost	2572 MHz

Graphics Processor	
Shader Cores	Blackwell
Tensor Cores (AI)	5th Gen / 421 AI TOPS
RT Cores	4th Gen / 40 TFLOPS
DLSS	DLSS 4

Memory Specifications	
Standard memory Config	8GB GDDR6
Memory clock	10000 MHz
Memory bus width	128 bit
Peak memory bandwidth	Up to 320 GB/s
Effective memory clock	20.0 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)	130W
Slots	2-Slot
Card dimension (Included fan)	222 x 135 x 42mm
Card dimension (Without bracket)	211 x 120 x 42mm
Maximum GPU temperature	87 °C
Cooling design	Heatsink with Twin Cooler
Power connector	one 8-pin

Packaging	
Box size	330 x 190 x 90mm
Product net weight	0.71 kg

System Requirement

> PCI Express® graphics slot required
> Internet connection and 2 GB available disk space for driver installation required
> System space for a 2.5-slot card required
> Recommend PCIe CEM 5.1 compliant PSU
> 550W 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

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

www.manli.com

HDMI™ HIGH-DEFINITION MULTIMEDIA INTERFACE
The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.