Polar Fox GeForce RTX™ 5070 OC

Chipset	
Product Name	Manli Polar Fox GeForce RTX 5070 OC
Part Number	M-N507PO/D712G-M3633
NVIDIA CUDA® Cores	6144

GPU Clock	
Base	2325 MHz
Boost	2542 MHz

Graphics Processor	
Shader Cores	Blackwell
Tensor Cores (AI)	5th Gen / 988 AI TOPS
RT Cores	4th Gen / 94 TFLOPS
DLSS	DLSS 4

Memory Specifications	
Standard Memory Config	12GB GDDR7
Effective Memory clock	28000 MHz
Memory bus width	192 bit
Peak memory bandwidth	Up to 672 GB/s
Memory speed	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)	250W
Slots	3-Slot
Card dimension (Included fan)	312 x 127 x 52mm
Card dimension (PCB only)	173.5 x 111.15mm
Maximum GPU Temperature	85 °C
Cooling design	Heatsink with Triple Cooler
Power connector	1 x PCIe Gen5 16-pin

Packaging	
Box size	405 x 240 x 112mm

988 AI TOPS

2325 MHz ~ 2542 MHz

12 GB GDDR7

Multiple ARGB Lighting Control System

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
> 650W 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
> Windows 11 Dynamic Lighting and motherboard RGB lighting control
> Fan-stop function at idle state to reduce noise and conserve energy

Included In The Box

> Lighting connection cable
> Graphics card manual
> mobile phone stand
> 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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