

Gigabyte AORUS GeForce RTX 4070 MASTER 12G NVIDIA 12 GB GDDR6X

Brand : Gigabyte

Product family: AORUS

Product code: GV-N4070AORUS M-12GD

Product name : AORUS
GeForce RTX 4070 MASTER 12G



- Powered by NVIDIA DLSS 3, ultra-efficient Ada Lovelace arch, and full ray tracing
- 4th Generation Tensor Cores: Up to 4x performance with DLSS 3 vs. brute-force rendering
- 3rd Generation RT Cores: Up to 2X ray tracing performance
- Powered by GeForce RTX™ 4070
- Integrated with 12GB GDDR6X 192bit memory interface
- WINDFORCE cooling system
- RGB Fusion
- Dual BIOS
- Protection metal back plate
- Anti-sag bracket

NVIDIA GeForce RTX 4070, 2595MHz, 12GB GDDR6X, 192 bit, PCI Express 4.0, 1 x HDMI (2.1a), 3 x DP (1.4a), CUDA, DirectX 12 Ultimate, OpenGL 4.6

Gigabyte AORUS GeForce RTX 4070 MASTER 12G. Graphics processor family: NVIDIA, Graphics processor: GeForce RTX 4070, Processor frequency: 2595 MHz. Discrete graphics card memory: 12 GB, Graphics card memory type: GDDR6X, Memory bus: 192 bit. Maximum resolution: 7680 x 4320 pixels. DirectX version: 12 Ultimate, OpenGL version: 4.6. Interface type: PCI Express 4.0. Cooling type: Active, Number of fans: 3 fan(s)



Processor		Performance	
CUDA *	✓	TV tuner integrated *	✗
CUDA cores	5888	DirectX version *	12 Ultimate
Graphics processor family *	NVIDIA	OpenGL version *	4.6
Graphics processor *	GeForce RTX 4070	Dual Link DVI *	✗
Processor frequency *	2595 MHz	NVIDIA G-SYNC	✓
Processor boost clock speed	2475 MHz	Design	
Maximum resolution *	7680 x 4320 pixels	Cooling type *	Active
Maximum displays per videocard	4	Cooling technology	GIGABYTE WINDFORCE 3X
Memory		Number of fans	3 fan(s)
Discrete graphics card memory *	12 GB	Form factor	Full-Height/Full-Length (FH/FL)
Graphics card memory type *	GDDR6X	Illumination	✓
Memory bus *	192 bit	Product colour	Black
Memory bandwidth (max)	21 GB/s	Power	
Ports & interfaces		Minimum system power supply *	700 W
Interface type *	PCI Express 4.0	Supplementary power connectors	1x 16-pin
HDMI ports quantity *	1	Weight & dimensions	
HDMI version	2.1a	Depth	342 mm
DisplayPorts quantity *	3	Height	70.6 mm
DisplayPort version	1.4a	Width	153 mm
		Packaging data	
		Package type	Box



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Publication date: 09-MAY-2024. Prints or copies of Information are only valid on the printed Publication date