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

CUDA *	✔
CUDA cores	5888
Graphics processor family *	NVIDIA
Graphics processor *	GeForce RTX 4070
Processor frequency *	2595 MHz
Processor boost clock speed	2475 MHz
Maximum resolution *	7680 x 4320 pixels
Maximum displays per videocard	4

Memory

Discrete graphics card memory *	12 GB
Graphics card memory type *	GDDR6X
Memory bus *	192 bit
Memory bandwidth (max)	21 GB/s

Ports & interfaces

Interface type *	PCI Express 4.0
HDMI ports quantity *	1
HDMI version	2.1a
DisplayPorts quantity *	3
DisplayPort version	1.4a

Performance

TV tuner integrated *	✘
DirectX version *	12 Ultimate
OpenGL version *	4.6
Dual Link DVI *	✘
NVIDIA G-SYNC	✔

Design

Cooling type *	Active
Number of fans	3 fan(s)
Form factor	Full-Height/Full-Length (FH/FL)
Illumination	✔
Product colour	Black

Power

Minimum system power supply *	700 W
Supplementary power connectors	1x 16-pin

Weight & dimensions

Weight	153 g
Depth	342 mm
Height	70.6 mm

Packaging data

Package type	Box

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