GIGABYTE

Gigabyte EAGLE GeForce RTX 4070 OC V2 12G NVIDIA 12 GB GDDR6X

Brand : Gigabyte

Product family: EAGLE

Product code: GV-N4070EAGLE OCV2-12GD

Product name : GeForce RTX 4070 EAGLE OC V2 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
- Protection metal back plate

NVIDIA GeForce RTX 4070, 2505MHz, 12GB GDDR6X, 192 bit, PCI Express 4.0, 2 x HDMI (2.1a), 2 x DP (1.4a), CUDA, DirectX 12 Ultimate, OpenGL 4.6, VR
Gigabyte EAGLE GeForce RTX 4070 OC V2 12G. Graphics processor family: NVIDIA, Graphics processor: GeForce RTX 4070, Processor frequency: 2505 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), Illumination colour: Multi

Processor

CUDA *	✔
CUDA cores	5888
Graphics processor family *	NVIDIA
Graphics processor *	GeForce RTX 4070
Processor frequency *	2505 MHz
Maximum resolution *	7680 x 4320 pixels
Parallel processing technology support *	Not supported
Maximum displays per videocard	4

Memory

Discrete graphics card memory *	12 GB
Graphics card memory type *	GDDR6X
Memory bus *	192 bit
Number of pipelines	8
Data transfer rate	21 Gbit/s

Ports & interfaces

Interface type *	PCI Express 4.0
HDMI ports quantity *	2
HDMI version	2.1a
DisplayPorts quantity *	2
DisplayPort version	1.4a

Performance

TV tuner integrated *	✘
DirectX version *	12 Ultimate
OpenGL version *	4.6

Performance

Virtual Reality (VR) ready	✔
Dual Link DVI *	✘
NVIDIA G-SYNC	✔

Design

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

Power

Minimum system power supply *	650 W
Supplementary power connectors	1x 16-pin

System requirements

Windows operating systems supported	Windows 10 x64, Windows 11 x64

Packaging content

Quick installation guide	✔

Weight & dimensions

Depth	282 mm
Height	41 mm
Width	115 mm

Packaging data

Package type	Box

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