ASUS

ASUS ROG -STRIX-RTX4070-O12G-GAMING NVIDIA GeForce RTX 4070 12 GB GDDR6X

Brand : ASUS

Product family: ROG

Product code: 90YV0J00-M0NA00

Product name : ROG-STRIX-RTX4070-O12G-GAMING

- Powered by NVIDIA DLSS3, 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
- OC mode: 2640 MHz (OC mode)/ 2610 MHz (Default mode)
- Axial-tech fans scaled up for 31% more airflow
- 3.12-slot design: massive fin array optimized for airflow from the three Axial-tech fans
- Diecast shroud, frame, and backplate add rigidity and are vented to further maximize airflow and heat dissipation
- Digital power control with high-current power stages and 15K capacitors to fuel maximum performance
- Auto-Extreme precision automated manufacturing for higher reliability
- GPU Tweak III software provides intuitive performance tweaking, thermal controls, and system monitoring

NVIDIA GeForce RTX 4070 12GB GDDR6X, PCI Express 4.0, 21 Gbps, 192-bit, 650W, 1 x 16-pin, 3.12 slot

Processor

CUDA *	✔
CUDA cores	5888
Graphics processor family *	NVIDIA
Graphics processor *	GeForce RTX 4070
Processor boost clock speed	2610 MHz
Processor frequency (OC mode)	2640 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
Memory bandwidth (max)	21 GB/s

Ports & interfaces

Interface type *	PCI Express 4.0
HDMI ports quantity *	2
HDMI version	2.1
DisplayPorts quantity *	3
DisplayPort version	1.4a

Performance

OpenGL version *	4.6
HDCP	✔

Performance

HDCP version	2.3
Dual Link DVI *	✗

Design

Cooling type *	Active
Cooling technology	ASUS Axial-tech
Number of fans	3 fan(s)
Number of slots	3.12
Illumination	✔
Illumination colour	Multi
Product colour	Multicolour

Power

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

System requirements

Windows operating systems supported	✔

Weight & dimensions

Weight	1.75 kg
Depth	62.4 mm
Height	149.4 mm
Width	338.9 mm

Packaging data

Package width	427 mm
Package depth	227 mm
Package height	88 mm
Package weight	2.49 kg
Package type	Box

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