ASUS ROG -STRIX-RTX4080-O16G-WHITE NVIDIA GeForce RTX 4080 16 GB GDDR6X

Brand : ASUS

Product family: ROG

Product code: 90YV0IC3-M0NA00

Product name : ROG-STRIX-RTX4080-O16G-WHITE

- NVIDIA Ada Lovelace Streaming Multiprocessors: Up to 2x performance and power efficiency
- 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: 2655 MHz (OC mode)/ 2625 MHz (Default mode)
- Axial-tech fans scaled up for 23% more airflow
- New patented vapor chamber with milled heatspreader for lower GPU temps
- 3.5-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
16 GB, GDDR6X, 256-bit, PCI Express 4.0, 2655 MHz OC mode clock, 2x HDMI, 3x DisplayPort, 1x 16-pin, ARGB

Processor

CUDA *	✓
CUDA cores	9728
Graphics processor family *	NVIDIA
Graphics processor *	GeForce RTX 4080
Processor boost clock speed	2625 MHz
Processor frequency (OC mode)	2655 MHz
Maximum resolution *	7680 x 4320 pixels
Parallel processing technology support *	Not supported
Maximum displays per videocard	4

Memory

Discrete graphics card memory *	16 GB
Graphics card memory type *	GDDR6X
Memory bus *	256 bit
Data transfer rate	22.4 Gbit/s

Ports & interfaces

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

Performance

TV tuner integrated *	✗
DirectX version *	12 Ultimate
OpenGL version *	4.6
Virtual Reality (VR) ready	✓
HDCP	✓
HDCP version	2.3
Dual Link DVI *	✗

Performance

NVIDIA G-SYNC	✓
NVIDIA Ansel	✓
AMD FreeSync	✗

Design

Cooling type *	Active
Cooling technology	ASUS Axial-tech
Number of fans	3 fan(s)
Form factor	Full-Height/Full-Length (FH/FL)
Bracket height	Full-Height (FH)
Number of slots	3.5
Illumination	✓
Illumination colour	Multi
Product colour	White

Power

Minimum system power supply *	750 W
Supplementary power connectors	1x 16-pin

System requirements

Windows operating systems supported	Windows 10 x64, Windows 11 x64

Weight & dimensions

Weight	2.5 kg
Length	357.6 mm
Depth	70.1 mm
Height	149.3 mm

Packaging data

Package width	420 mm
Package depth	226 mm
Package height	126 mm
Package weight	3.56 kg
Package type	Box

Packaging content

Manual	✓

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