

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

Brand : ASUS

Product family: ROG

Product code: 90YV0IC4-M0NA00

Product name : ROG-STRIX-RTX4080-16G-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
 - 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
 - GPU Tweak III software provides intuitive performance tweaking, thermal controls, and system monitoring
- NVIDIA GeForce RTX 4080, 16GB GDDR6X, 256 bit, PCI Express 4.0, 2 x HDMI (2.1a), 3 x DP (1.4a), CUDA, OpenGL 4.6

Processor		Performance	
CUDA *	✓	OpenGL version *	4.6
CUDA cores	9728	HDCP	✓
Graphics processor family *	NVIDIA	HDCP version	2.3
Graphics processor *	GeForce RTX 4080	Dual Link DVI *	✗
Processor boost clock speed	2505 MHz	Design	
Processor frequency (OC mode)	2535 MHz	Cooling type *	Active
Maximum resolution *	7680 x 4320 pixels	Cooling technology	ASUS Axial-tech
Parallel processing technology support *	Not supported	Number of fans	3 fan(s)
Maximum displays per videocard	4	Number of slots	3.5
Memory		Illumination	✓
Discrete graphics card memory *	16 GB	Illumination colour	Blue, Green, Red
Graphics card memory type *	GDDR6X	Product colour	White
Memory bus *	256 bit	Power	
Data transfer rate	22.4 Gbit/s	Minimum system power supply *	750 W
Ports & interfaces		Supplementary power connectors	1x 16-pin
Interface type *	PCI Express 4.0	Weight & dimensions	
HDMI ports quantity *	2	Weight	2.5 kg
HDMI version	2.1a	Length	357.6 mm
DisplayPorts quantity *	3	Depth	70.1 mm
DisplayPort version	1.4a	Height	149.3 mm
Performance		Packaging data	
TV tuner integrated *	✗	Package width	420 mm
		Package depth	226 mm
		Package height	126 mm
		Package weight	3.56 kg
		Package type	Box



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