

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

Brand : ASUS

Product family: ROG

Product code: 90YV0IC3-MONA00



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		Performance	
CUDA *	✓	NVIDIA G-SYNC	✓
CUDA cores	9728	NVIDIA Ansel	✓
Graphics processor family *	NVIDIA	AMD FreeSync	✗
Graphics processor *	GeForce RTX 4080	Design	
Processor boost clock speed	2625 MHz	Cooling type *	Active
Processor frequency (OC mode)	2655 MHz	Cooling technology	ASUS Axial-tech
Maximum resolution *	7680 x 4320 pixels	Number of fans	3 fan(s)
Parallel processing technology support *	Not supported	Form factor	Full-Height/Full-Length (FH/FL)
Maximum displays per videocard	4	Bracket height	Full-Height (FH)
Memory		Number of slots	3.5
Discrete graphics card memory *	16 GB	Illumination	✓
Graphics card memory type *	GDDR6X	Illumination colour	Multi
Memory bus *	256 bit	Product colour	White
Data transfer rate	22.4 Gbit/s	Power	
Ports & interfaces		Minimum system power supply *	750 W
Interface type *	PCI Express 4.0	Supplementary power connectors	1x 16-pin
HDMI ports quantity *	2	System requirements	
HDMI version	2.1a	Windows operating systems supported	Windows 10 x64, Windows 11 x64
DisplayPorts quantity *	3	Weight & dimensions	
DisplayPort version	1.4a	Weight	2.5 kg
Performance		Length	357.6 mm
TV tuner integrated *	✗	Depth	70.1 mm
DirectX version *	12 Ultimate	Height	149.3 mm
OpenGL version *	4.6	Packaging data	
Virtual Reality (VR) ready	✓	Package width	420 mm
HDCP	✓	Package depth	226 mm
HDCP version	2.3	Package height	126 mm
Dual Link DVI *	✗	Package weight	3.56 kg
		Package type	Box
		Packaging content	
		Manual	✓



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