

ASUS ROG -STRIX-RTX4090-O24G-WHITE NVIDIA GeForce RTX 4090 24 GB GDDR6X

Brand : ASUS

Product family: ROG

Product code: 90YV0ID2-MONA00



Product name : ROG-STRIX-RTX4090-O24G-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: 2640 MHz (OC mode)/ 2610 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
- 24 GB, GDDR6X, 384-bit, PCI Express 4.0, 2640 MHz OC mode, 2x HDMI, 3x DisplayPort, 1x 16-pin, ARGB



Processor		Performance	
CUDA *	✓	NVIDIA G-SYNC	✓
CUDA cores	16384	NVIDIA Ansel	✓
Graphics processor family *	NVIDIA	Design	
Graphics processor *	GeForce RTX 4090	Cooling type *	Active
Processor boost clock speed	2610 MHz	Cooling technology	ASUS Axial-tech
Processor frequency (OC mode)	2640 MHz	Number of fans	3 fan(s)
Maximum resolution *	7680 x 4320 pixels	Form factor	Full-Height/Full-Length (FH/FL)
Parallel processing technology support *	Not supported	Bracket height	Full-Height (FH)
Maximum displays per videocard	4	Number of slots	3.5
Memory		Illumination	✓
Discrete graphics card memory *	24 GB	Illumination colour	Multi
Graphics card memory type *	GDDR6X	Product colour	White
Memory bus *	384 bit	Power	
Data transfer rate	21 Gbit/s	Minimum system power supply *	1000 W
Ports & interfaces		Supplementary power connectors	1x 16-pin, 3x 8-pin
Interface type *	PCI Express 4.0	System requirements	
HDMI ports quantity *	2	Windows operating systems supported	Windows 10 x64, Windows 11 x64
HDMI version	2.1a	Weight & dimensions	
DisplayPorts quantity *	3	Weight	2.5 kg
DisplayPort version	1.4a	Depth	357.6 mm
Performance		Height	149.3 mm
TV tuner integrated *	✗	Width	70.1 mm
DirectX version *	12 Ultimate	Packaging data	
OpenGL version *	4.6	Package width	420 mm
Virtual Reality (VR) ready	✓	Package depth	126 mm
HDCP	✓	Package height	226 mm
HDCP version	2.3	Package weight	3.56 kg
Dual Link DVI *	✗	Package type	Box
Packaging content		Manual	
		✓	



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