Processor

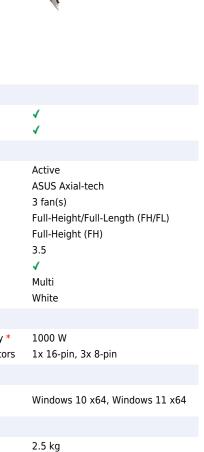
## ASUS ROG -STRIX-RTX4090-024G-WHITE NVIDIA GeForce RTX 4090 24 GB GDDR6X

**Brand:** ASUS **Product family: ROG** Product code: 90YV0ID2-M0NA00

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





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

Performance



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