



## ASUS TUF Gaming TUF-RTX4090-O24G-OG-GAMING NVIDIA GeForce RTX 4090 24 GB GDDR6X

**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** 90YV0IY3-MONA00

**Product name :** TUF-RTX4090-O24G-OG-GAMING



- Powered by NVIDIA DLSS3, ultra-efficient Ada Lovelace arch, and full ray tracing
- 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 edition: 2595 MHz (OC mode)/ 2565 MHz (Default mode)
- Axial-tech fan design has been tuned with a reversed central fan direction for less turbulence
- Dual ball fan bearings last up to twice as long as conventional designs
- Military-grade capacitors rated for 20K hours at 105C make the GPU power rail more durable
- Auto-Extreme precision automated manufacturing for higher reliability
- GPU Tweak III software provides intuitive performance tweaking, thermal controls, and system monitoring

TUF Gaming GeForce RTX 4090 24GB GDDR6X OG OC Edition with DLSS 3, lower temps, and enhanced durability

Processor		Performance	
CUDA *	✓	HDCP	✓
CUDA cores	16384	HDCP version	2.3
Graphics processor family *	NVIDIA	Dual Link DVI *	✗
Graphics processor *	GeForce RTX 4090	Design	
Processor boost clock speed	2565 MHz	Cooling type *	Active
Processor boost clock speed (OC mode)	2595 MHz	Cooling technology	ASUS Axial-tech
Maximum resolution *	7680 x 4320 pixels	Number of fans	3 fan(s)
Parallel processing technology support *	Not supported	Number of slots	3.2
Maximum displays per videocard	4	Illumination	✓
		Illumination colour	Multi
Memory		Power	
Discrete graphics card memory *	24 GB	Minimum system power supply *	850 W
Graphics card memory type *	GDDR6X	Supplementary power connectors	1x 16-pin
Memory bus *	384 bit	Weight & dimensions	
Data transfer rate	21 Gbit/s	Weight	1.7 kg
Ports & interfaces		Depth	140.2 mm
Interface type *	PCI Express 4.0	Height	62.8 mm
HDMI ports quantity *	2	Width	325.9 mm
HDMI version	2.1a	Packaging data	
DisplayPorts quantity *	3	Package width	534 mm
DisplayPort version	1.4a	Package depth	265 mm
Performance		Package height	85 mm
TV tuner integrated *	✗	Package weight	2.7 kg
OpenGL version *	4.6	Package type	Box
		Packaging content	
		Manual	✓



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