

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

Brand : ASUS

Product family: TUF Gaming

Product code: 90YV0IY3-M0NA00

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 version	2.3
CUDA cores	16384	Dual Link DVI *	✗
Graphics processor family *	NVIDIA	NVIDIA G-SYNC	✓
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	Form factor	Full-Height/Full-Length (FH/FL)
Maximum displays per videocard	4	Number of slots	3.2
Memory		Illumination	✓
Discrete graphics card memory *	24 GB	Illumination colour	Multi
Graphics card memory type *	GDDR6X	Product colour	Black
Memory bus *	384 bit	Power	
Data transfer rate	21 Gbit/s	Minimum system power supply *	850 W
Ports & interfaces		Supplementary power connectors	1x 16-pin
Interface type *	PCI Express 4.0	Weight & dimensions	
HDMI ports quantity *	2	Weight	1.7 kg
HDMI version	2.1a	Length	325.9 mm
DisplayPorts quantity *	3	Depth	62.8 mm
DisplayPort version	1.4a	Height	140.2 mm
Performance		Packaging data	
TV tuner integrated *	✗	Package width	534 mm
OpenGL version *	4.6	Package depth	265 mm
HDCP	✓	Package height	85 mm
		Package weight	2.7 kg
		Package type	Box

Packaging content

Manual





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