

## 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	✓



4711387225011

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 25-OCT-2024. Prints or copies of Information are only valid on the printed Publication date