

ASUS TUF Gaming TUF-RTX4070-O12G-GAMING NVIDIA GeForce RTX 4070 12 GB GDDR6X

Brand : ASUS

Product family: TUF Gaming

Product code: 90YV0I20-M0NA00

Product name : TUF-RTX4070-O12G-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 mode: 2580 MHz (OC mode)/ 2550 MHz (Default mode)
- Axial-tech fans scaled up for 21% more airflow
- 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
- Vented exoskeleton adds structural rigidity and vents to increase heat reliability
- 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 4070 12GB GDDR6X OC Edition with DLSS 3, lower temps, and enhanced durability

Processor		Performance	
CUDA *	✓	HDCP	✓
CUDA cores	5888	HDCP version	2.3
Graphics processor family *	NVIDIA	NVIDIA G-SYNC	✓
Graphics processor *	GeForce RTX 4070	AMD FreeSync	✗
Processor boost clock speed	2550 MHz	Design	
Processor frequency (OC mode)	2580 MHz	Cooling type *	Active
Maximum resolution *	7680 x 4320 pixels	Cooling technology	ASUS Axial-tech
Parallel processing technology support *	Not supported	Number of fans	3 fan(s)
Maximum displays per videocard	4	Form factor	Full-Height/Half-Length (FH/HL)
Memory		Number of slots	3.15
Discrete graphics card memory *	12 GB	Illumination	✓
Graphics card memory type *	GDDR6X	Illumination colour	Blue, Green, Red
Memory bus *	192 bit	Product colour	Grey
Data transfer rate	21 Gbit/s	Power	
Ports & interfaces		Minimum system power supply *	650 W
Interface type *	PCI Express 4.0	Supplementary power connectors	1x 8-pin
HDMI ports quantity *	1	Weight & dimensions	
HDMI version	2.1	Weight	968 g
DisplayPorts quantity *	3	Depth	139 mm
DisplayPort version	1.4a	Height	63 mm
Performance		Width	301 mm
DirectX version *	12 Ultimate	Packaging data	
OpenGL version *	4.6	Package width	420 mm
		Package depth	226 mm
		Package height	87 mm
		Package weight	1.73 kg
		Package type	Box



4711387128176

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.