

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

Brand : ASUS

Product family: TUF Gaming

Product code: 90YV0IZ1-M0NA00

Product name : TUF-RTX4070-12G-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
- 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 with DLSS 3, lower temps, and enhanced durability

Processor		Performance	
CUDA *	✓	OpenGL version *	4.6
CUDA cores	5888	HDCP	✓
Graphics processor family *	NVIDIA	HDCP version	2.3
Graphics processor *	GeForce RTX 4070	Design	
Processor boost clock speed	2475 MHz	Cooling type *	Active
Processor frequency (OC mode)	2505 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	3.15
Maximum displays per videocard	4	Illumination	✓
Memory		Illumination colour	Blue, Green, Red
Discrete graphics card memory *	12 GB	Product colour	Grey
Graphics card memory type *	GDDR6X	Power	
Memory bus *	192 bit	Minimum system power supply *	650 W
Data transfer rate	21 Gbit/s	Supplementary power connectors	1x 8-pin
Ports & interfaces		Weight & dimensions	
Interface type *	PCI Express 4.0	Weight	968 g
HDMI ports quantity *	1	Depth	139 mm
HDMI version	2.1	Height	63 mm
DisplayPorts quantity *	3	Width	301 mm
DisplayPort version	1.4a	Packaging data	
		Package width	420 mm
		Package depth	226 mm
		Package height	87 mm
		Package weight	1.73 kg
		Package type	Box



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