



ASUS TUF Gaming TUF-RTX4070S-O12G-GAMING NVIDIA GeForce RTX 4070 SUPER 12 GB GDDR6X

Brand : ASUS

Product family: TUF Gaming

Product code: 90YV0K80-M0NA00

Product name : TUF-RTX4070S-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: 2595 MHz (OC mode)/ 2565 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

NVIDIA GeForce RTX 4070 SUPER 12GB GDDR6X, 21 Gbps, 192-bit, 750W, 1 x 16-pin, 3.15 Slot



Processor		Ports & interfaces	
CUDA *	✓	DisplayPort version	1.4a
CUDA cores	7168	Performance	
Graphics processor family *	NVIDIA	OpenGL version *	4.6
Graphics processor *	GeForce RTX 4070 SUPER	HDCP	✓
Processor boost clock speed	2565 MHz	HDCP version	2.3
Processor boost clock speed (OC mode)	2595 MHz	Dual Link DVI *	✗
Maximum resolution *	7680 x 4320 pixels	Design	
Parallel processing technology support *	Not supported	Cooling type *	Active
Maximum displays per videocard	4	Cooling technology	ASUS Axial-tech
Memory		Number of fans	3 fan(s)
Discrete graphics card memory *	12 GB	Number of slots	3.15
Graphics card memory type *	GDDR6X	Product colour	Multicolour
Memory bus *	192 bit	Power	
Memory bandwidth (max)	21 GB/s	Minimum system power supply *	750 W
Ports & interfaces		Supplementary power connectors	1x 16-pin
Interface type *	PCI Express 4.0	System requirements	
HDMI ports quantity *	1	Windows operating systems supported	✓
HDMI version	2.1a	Weight & dimensions	
DisplayPorts quantity *	3	Length	301 mm
		Depth	63 mm
		Height	139 mm



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