

ASUS TUF Gaming TUF-RTX4070TI-O12G-GAMING NVIDIA GeForce RTX 4070 Ti 12 GB GDDR6X

Brand : ASUS

Product family: TUF Gaming

Product code: 90YV0IJ0-M0NA00

Product name : TUF-RTX4070TI-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: 2760 MHz (OC mode)/ 2730 MHz (Default mode)
 - Axial-tech fans scaled up for 21% more airflow
 - 3.25-slot design: massive fin array optimized for airflow from the three Axial-tech fans
 - Diecast shroud, frame, and backplate add rigidity and are vented to further maximize airflow and heat dissipation
 - Digital power control with high-current power stages and 15K capacitors to fuel maximum performance
 - 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 Ti 12GB GDDR6X OC Edition with DLSS 3, lower temps, and enhanced durability



Processor		Performance	
CUDA *	✓	HDCP version	2.3
CUDA cores	7680	Dual Link DVI *	✗
Graphics processor family *	NVIDIA	NVIDIA G-SYNC	✓
Graphics processor *	GeForce RTX 4070 Ti	NVIDIA Ansel	✓
Processor boost clock speed	2730 MHz	AMD FreeSync	✗
Processor frequency (OC mode)	2760 MHz	Design	
Maximum resolution *	7680 x 4320 pixels	Cooling type *	Active
Parallel processing technology support *	Not supported	Cooling technology	ASUS Axial-tech
Maximum displays per videocard	4	Number of fans	3 fan(s)
Memory		Form factor	Full-Height/Full-Length (FH/FL)
Discrete graphics card memory *	12 GB	Number of slots	3.25
Graphics card memory type *	GDDR6X	Illumination	✓
Memory bus *	192 bit	Illumination colour	Multi
Data transfer rate	21 Gbit/s	Product colour	Black, Grey
Ports & interfaces		Power	
Interface type *	PCI Express 4.0	Minimum system power supply *	750 W
HDMI ports quantity *	2	Supplementary power connectors	1x 16-pin
HDMI version	2.1a	Weight & dimensions	
DisplayPorts quantity *	3	Weight	1.31 kg
DisplayPort version	1.4a	Length	305 mm
Performance		Depth	65 mm
TV tuner integrated *	✗	Height	138 mm
DirectX version *	12 Ultimate	Packaging data	
OpenGL version *	4.6	Package width	420 mm
HDCP	✓	Package depth	87 mm
		Package height	226 mm

Packaging data

Package weight	2.13 kg
Package type	Box



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Catalog Object Cloud



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