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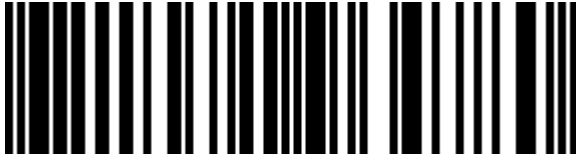
Brand : ASUS

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

CUDA *	✔
CUDA cores	7680
Graphics processor family *	NVIDIA
Graphics processor *	GeForce RTX 4070 Ti
Processor boost clock speed	2730 MHz
Processor frequency (OC mode)	2760 MHz
Maximum resolution *	7680 x 4320 pixels
Parallel processing technology support *	Not supported
Maximum displays per videocard	4

Memory

Discrete graphics card memory *	12 GB
Graphics card memory type *	GDDR6X
Memory bus *	192 bit
Data transfer rate	21 Gbit/s

Ports & interfaces

Interface type *	PCI Express 4.0
HDMI ports quantity *	2
HDMI version	2.1a
DisplayPorts quantity *	3
DisplayPort version	1.4a

Performance

TV tuner integrated *	✘
DirectX version *	12 Ultimate
OpenGL version *	4.6
HDCP	✔

Performance

HDCP version	2.3
Dual Link DVI *	✘
NVIDIA G-SYNC	✔
NVIDIA Ansel	✔
AMD FreeSync	✘

Design

Cooling type *	Active
Cooling technology	ASUS Axial-tech
Number of fans	3 fan(s)
Form factor	Full-Height/Full-Length (FH/FL)
Number of slots	3.25
Illumination	✔
Illumination colour	Multi
Product colour	Black, Grey

Power

Minimum system power supply *	750 W
Supplementary power connectors	1x 16-pin

Weight & dimensions

Weight	1.31 kg
Depth	138 mm
Height	65 mm
Width	305 mm

Packaging data

Package width	420 mm
Package depth	87 mm
Package height	226 mm
Package weight	2.13 kg
Package type	Box

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