ASUS TUF Gaming TUF-RTX4070TIS-O16G-BTF-WHITE NVIDIA GeForce RTX 4070 Ti SUPER 16 GB GDDR6X

Brand : ASUS

Product family: TUF Gaming

Product code: 90YV0KI0-M0NA00

Product name : TUF-RTX4070TIS-O16G-BTF-WHITE

- 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 edition: Boost Clock 2670 MHz (OC Mode)/ 2640 MHz (Default Mode)
- PCIe high-power connector for power transmission, and prevent GPU sag
- Eliminate the need for traditional 16-pin external power connections to the graphics card
- 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
- Metal exoskeleton adds structural rigidity and vents to increase heat reliability
16 GB, GDDR6X, 256-bit, PCI Express 4.0, 2640 MHz boost clock, 2670 MHz OC mode, 2x HDMI, 3x DisplayPort, 3.25-slot, ARGB

Processor

CUDA *	✓
CUDA cores	8448
Graphics processor family *	NVIDIA
Graphics processor *	GeForce RTX 4070 Ti SUPER
Processor boost clock speed	2640 MHz
Processor frequency (OC mode)	2670 MHz
Maximum resolution *	7680 x 4320 pixels
Parallel processing technology support *	Not supported
Maximum displays per videocard	4

Memory

Discrete graphics card memory *	16 GB
Graphics card memory type *	GDDR6X
Memory bus *	256 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

Performance

HDCP	✓
HDCP version	2.3
Dual Link DVI *	✗
NVIDIA G-SYNC	✓

Design

Cooling type *	Active
Cooling technology	ASUS Axial-tech
Number of fans	3 fan(s)
Form factor	Full-Height/Full-Length (FH/FL)
Bracket height	Full-Height (FH)
Number of slots	3.25
Illumination	✓
Illumination colour	Multi
Product colour	White

Power

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

System requirements

Windows operating systems supported	Windows 10 x64, Windows 11 x64

Weight & dimensions

Depth	305 mm
Height	138 mm
Width	65 mm

Packaging data

Package type	Box

Packaging content

Manual	✓

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