

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: 90YV0K10-MONA00

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		Performance	
CUDA *	✓	HDCP	✓
CUDA cores	8448	HDCP version	2.3
Graphics processor family *	NVIDIA	Dual Link DVI *	✗
Graphics processor *	GeForce RTX 4070 Ti SUPER	NVIDIA G-SYNC	✓
Processor boost clock speed	2640 MHz	Design	
Processor frequency (OC mode)	2670 MHz	Cooling type *	Active
Maximum resolution *	7680 x 4320 pixels	Cooling technology	ASUS Axial-tech
Parallel processing technology support *	Not supported	Number of fans	3 fan(s)
Maximum displays per videocard	4	Form factor	Full-Height/Full-Length (FH/FL)
Memory		Bracket height	Full-Height (FH)
Discrete graphics card memory *	16 GB	Number of slots	3.25
Graphics card memory type *	GDDR6X	Illumination	✓
Memory bus *	256 bit	Illumination colour	Multi
Data transfer rate	21 Gbit/s	Product colour	White
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	System requirements	
DisplayPorts quantity *	3	Windows operating systems supported	Windows 10 x64, Windows 11 x64
DisplayPort version	1.4a	Weight & dimensions	
Performance		Length	305 mm
TV tuner integrated *	✗	Depth	65 mm
DirectX version *	12 Ultimate	Height	138 mm
OpenGL version *	4.6	Packaging data	
		Package type	Box
Packaging content			
		Manual	✓



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Publication date: 25-OCT-2024. Prints or copies of Information are only valid on the printed Publication date