

ASUS TUF Gaming TUF-RTX3070TI-8G-GAMING NVIDIA GeForce RTX 3070 Ti 8 GB GDDR6X

Brand : ASUS

Product family: TUF Gaming

Product code: 90YV0GY1-M0NA00

Product name : TUF-RTX3070TI-8G-GAMING



- NVIDIA Ampere Streaming Multiprocessors: The building blocks for the world's fastest, most efficient GPUs, the all-new Ampere SM brings 2X the FP32 throughput and improved power efficiency
 - 2nd Generation RT Cores: Experience 2X the throughput of 1st gen RT Cores, plus concurrent RT and shading for a whole new level of ray tracing performance
 - 3rd Generation Tensor Cores: Get up to 2X the throughput with structural sparsity and advanced AI algorithms such as DLSS. These cores deliver a massive boost in game performance and all-new AI capabilities
 - Axial-tech Fan Design has been newly tuned with a reversed central fan direction for less turbulence
 - Dual Ball Fan Bearings can last up to twice as long as sleeve bearing designs
 - Military-grade Capacitors and other TUF components enhance durability and performance
 - GPU Tweak II provides intuitive performance tweaking, thermal controls, and system monitoring
- 8 GB, GDDR6X, 256-bit, PCI Express 4.0, 3xDisplayPort, 2xHDMI, RGB, 2.7 slot

Processor		Performance	
CUDA *	✓	OpenGL version *	4.6
CUDA cores	6144	HDCP	✓
Graphics processor family *	NVIDIA	Dual Link DVI *	✗
Graphics processor *	GeForce RTX 3070 Ti	NVIDIA G-SYNC	✓
Processor boost clock speed	1770 MHz	Design	
Processor boost clock speed (OC mode)	1800 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)
FireStream	✗	Bracket height	Full-Height (FH)
Memory		Number of slots	2.7
Discrete graphics card memory *	8 GB	Illumination	✓
Graphics card memory type *	GDDR6X	Illumination colour	Multi
Memory bus *	256 bit	Product colour	Black
Memory bandwidth (max)	19 GB/s	Power	
Ports & interfaces		Minimum system power supply *	750 W
Interface type *	PCI Express 4.0	Supplementary power connectors	2x 8-pin
HDMI ports quantity *	2	Weight & dimensions	
HDMI version	2.1	Length	299.9 mm
DisplayPorts quantity *	3	Depth	51.7 mm
DisplayPort version	1.4a	Height	126.9 mm
Performance		Packaging data	
TV tuner integrated *	✗	Package type	Box
DirectX version *	12 Ultimate	Packaging content	
		Manual	✓
		Logistics data	
		Harmonized System (HS) code	84733020



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