ASUS

ASUS TUF Gaming TUF-RTX3070TI-O8G-GAMING NVIDIA GeForce RTX 3070 Ti 8 GB GDDR6X

Brand : ASUS   **Product family:** TUF Gaming   **Product code:** 90YV0GY0-M0NA00
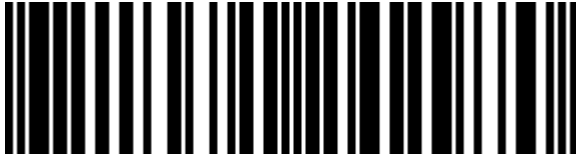
Product name : TUF-RTX3070TI-O8G-GAMING

- 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	
CUDA *	✔
CUDA cores	6144
Graphics processor family *	NVIDIA
Graphics processor *	GeForce RTX 3070 Ti
Processor boost clock speed	1785 MHz
Processor boost clock speed (OC mode)	1815 MHz
Maximum resolution *	7680 x 4320 pixels
Parallel processing technology support *	Not supported
Maximum displays per videocard	4
FireStream	✘

Memory	
Discrete graphics card memory *	8 GB
Graphics card memory type *	GDDR6X
Memory bus *	256 bit
Memory bandwidth (max)	19 GB/s

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

Performance	
TV tuner integrated *	✘
DirectX version *	12 Ultimate

Performance	
OpenGL version *	4.6
HDCP	✔
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	2.7
Illumination	✔
Illumination colour	Multi
Product colour	Black

Power	
Minimum system power supply *	750 W
Supplementary power connectors	2x 8-pin

Weight & dimensions	
Length	299.9 mm
Depth	51.7 mm
Height	126.9 mm

Packaging data	
Package type	Box

Packaging content	
Manual	✔

Logistics data	
Harmonized System (HS) code	84733020

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