

## 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

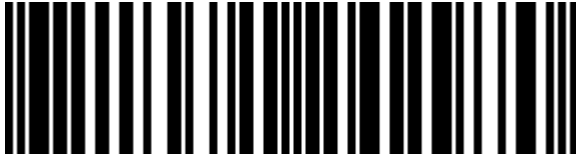


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- NVIDIA Ampere Streaming Multiprocessors: The building blocks for the world's fastest, most efficient GPUs, the all-new Ampere SM brings 2X the FP32 throughput and improved power efficiency
  - 2nd Generation RT Cores: Experience 2X the throughput 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	1785 MHz	<b>Design</b>	
Processor boost clock speed (OC mode)	1815 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)
<b>Memory</b>		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	<b>Power</b>	
<b>Ports &amp; interfaces</b>		Minimum system power supply *	750 W
Interface type *	PCI Express 4.0	Supplementary power connectors	2x 8-pin
HDMI ports quantity *	2	<b>Weight &amp; dimensions</b>	
HDMI version	2.1	Length	299.9 mm
DisplayPorts quantity *	3	Depth	51.7 mm
DisplayPort version	1.4a	Height	126.9 mm
<b>Performance</b>		<b>Packaging data</b>	
TV tuner integrated *	✗	Package type	Box
DirectX version *	12 Ultimate	<b>Packaging content</b>	
		Manual	✓
		<b>Logistics data</b>	
		Harmonized System (HS) code	84733020



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