

## ASUS TUF Gaming TUF-RTX4080-16G-GAMING NVIDIA GeForce RTX 4080 16 GB GDDR6X

**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** 90YV0IB1-M0NA00

**Product name :** TUF-RTX4080-16G-GAMING



- NVIDIA Ada Lovelace Streaming Multiprocessors: Up to 2x performance and power efficiency
  - 4th Generation Tensor Cores: Up to 2X AI performance
  - 3rd Generation RT Cores: Up to 2X ray tracing performance
  - Axial-tech fans scaled up to deliver 23% 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 dissipation
  - Auto-Extreme precision automated manufacturing for higher reliability
  - GPU Tweak III software provides intuitive performance tweaking, thermal controls, and system monitoring
- ASUS TUF Gaming GeForce RTX® 4080 16GB GDDR6X optimized inside and out for lower temps and durability.

Processor		Performance	
CUDA *	✓	OpenGL version *	4.6
CUDA cores	9728	HDCP	✓
Graphics processor family *	NVIDIA	HDCP version	2.3
Graphics processor *	GeForce RTX 4080	Dual Link DVI *	✗
Processor boost clock speed	2535 MHz	Design	
Processor frequency (OC mode)	2505 MHz	Cooling type *	Active
Maximum resolution *	7680 x 4320 pixels	Number of fans	3 fan(s)
Parallel processing technology support *	Not supported	Form factor	Full-Height/Full-Length (FH/FL)
Maximum displays per videocard	4	Number of slots	3.65
Memory		Illumination	✓
Discrete graphics card memory *	16 GB	Illumination colour	Blue, Green, Red
Graphics card memory type *	GDDR6X	Product colour	Grey
Memory bus *	256 bit	Power	
Memory bandwidth (max)	22.4 GB/s	Minimum system power supply *	750 W
Ports & interfaces		Supplementary power connectors	1x 16-pin
Interface type *	PCI Express 4.0	Weight & dimensions	
HDMI ports quantity *	2	Weight	1.97 kg
HDMI version	2.1a	Length	348.2 mm
DisplayPorts quantity *	3	Depth	72.6 mm
DisplayPort version	1.4a	Height	150 mm
Performance		Packaging data	
TV tuner integrated *	✗	Package width	425.9 mm
DirectX version *	12 Ultimate	Package depth	266 mm
		Package height	99 mm
		Package weight	2.99 kg
		Package type	Box



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