

## ASUS TUF Gaming TUF-RTX4080-O16G-GAMING NVIDIA GeForce RTX 4080 16 GB GDDR6X

**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** 90YV0IB0-M0NA00

**Product name :** TUF-RTX4080-O16G-GAMING



- NVIDIA Ada Lovelace Streaming Multiprocessors: Up to 2x performance and power efficiency
- 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 mode: 2625 MHz (OC mode)/ 2595 MHz (Default mode)
- 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

NVIDIA GeForce RTX 4080, 16GB GDDR6X, 2625 MHz , 9728 CUDA, 22.4 Gbps, (7680 x 4320) 2xHDMI 2.1, 3x DP 1.4f 348.2 x 150 x 72.6 mm, 1x16-pin, ARGB

Processor		Performance	
CUDA *	✓	TV tuner integrated *	✗
CUDA cores	9728	OpenGL version *	4.6
Graphics processor family *	NVIDIA	HDCP	✓
Graphics processor *	GeForce RTX 4080	HDCP version	2.3
Processor frequency *	2625 MHz	<b>Design</b>	
Processor boost clock speed	2595 MHz	Cooling type *	Active
Processor frequency (OC mode)	2625 MHz	Cooling technology	ASUS Axial-tech
Maximum resolution *	7680 x 4320 pixels	Number of fans	3 fan(s)
Parallel processing technology support *	Not supported	Product colour	Black
Maximum displays per videocard	4	<b>Power</b>	
<b>Memory</b>		Minimum system power supply *	750 W
Discrete graphics card memory *	16 GB	Power consumption (typical) *	75 W
Graphics card memory type *	GDDR6X	Supplementary power connectors	1x 16-pin
Memory bus *	256 bit	<b>Weight &amp; dimensions</b>	
Data transfer rate	22.4 Gbit/s	Weight	1.97 kg
<b>Ports &amp; interfaces</b>		Length	348.2 mm
Interface type *	PCI Express 4.0	Depth	72.6 mm
HDMI ports quantity *	2	Height	150 mm
HDMI version	2.1a	<b>Packaging data</b>	
DisplayPorts quantity *	3	Package width	425.9 mm
		Package depth	266 mm
		Package height	99 mm
		Package weight	2.99 kg
		Package type	Box



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