

## ASUS TUF Gaming TUF-RTX4080S-16G-GAMING NVIDIA GeForce RTX 4080 SUPER 16 GB GDDR6X

**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** 90YV0KA1-M0NA00

**Product name :** TUF-RTX4080S-16G-GAMING



- Powered by NVIDIA DLSS3, ultra-efficient Ada Lovelace arch, and full ray tracing
- 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
- 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

TUF Gaming GeForce RTX 4080 SUPER 16GB GDDR6X with DLSS 3, lower temps, and enhanced durability.

Processor		Performance	
CUDA *	✓	DirectX version *	12 Ultimate
Graphics processor family *	NVIDIA	OpenGL version *	4.6
Graphics processor *	GeForce RTX 4080 SUPER	HDCP	✓
Processor boost clock speed	2550 MHz	HDCP version	2.3
Processor frequency (OC mode)	2580 MHz	Dual Link DVI *	✗
Maximum resolution *	7680 x 4320 pixels	NVIDIA G-SYNC	✓
Parallel processing technology support *	Not supported	NVIDIA Ansel	✓
Maximum displays per videocard	4	AMD FreeSync	✓
Memory		Design	
Discrete graphics card memory *	16 GB	Cooling type *	Active
Graphics card memory type *	GDDR6X	Number of fans	3 fan(s)
Memory bus *	256 bit	Form factor	Full-Height/Full-Length (FH/FL)
Data transfer rate	23 Gbit/s	Number of slots	3.65
Ports & interfaces		Illumination	✓
Interface type *	PCI Express 4.0	Illumination colour	Multi
HDMI ports quantity *	2	Product colour	Black
HDMI version	2.1a	Power	
DisplayPorts quantity *	3	Minimum system power supply *	850 W
DisplayPort version	1.4a	Supplementary power connectors	1x 16-pin
Performance		Weight & dimensions	
TV tuner integrated *	✗	Depth	348.2 mm
		Height	72.6 mm
		Width	150 mm
		Packaging data	
		Package type	Box



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