

ASUS TUF Gaming TUF-RTX4080S-O16G-GAMING NVIDIA GeForce RTX 4080 SUPER 16 GB GDDR6X

Brand : ASUS

Product family: TUF Gaming

Product code: 90YV0KA0-M0NA00

Product name : TUF-RTX4080S-O16G-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
- OC mode: 2640 MHz (OC mode)/ 2610 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

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

Processor		Performance	
CUDA *	✓	TV tuner integrated *	✗
CUDA cores	10420	DirectX version *	12 Ultimate
Graphics processor family *	NVIDIA	OpenGL version *	4.6
Graphics processor *	GeForce RTX 4080 SUPER	HDCP	✓
Processor boost clock speed	2610 MHz	HDCP version	2.3
Processor frequency (OC mode)	2640 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	Design	
Memory		Cooling type *	Active
Discrete graphics card memory *	16 GB	Number of fans	3 fan(s)
Graphics card memory type *	GDDR6X	Form factor	Full-Height/Full-Length (FH/FL)
Memory bus *	256 bit	Number of slots	3.65
Data transfer rate	23 Gbit/s	Illumination	✓
Ports & interfaces		Illumination colour	Multi
Interface type *	PCI Express 4.0	Product colour	Black
HDMI ports quantity *	2	Power	
HDMI version	2.1a	Minimum system power supply *	850 W
DisplayPorts quantity *	3	Supplementary power connectors	1x 16-pin
DisplayPort version	1.4a	Weight & dimensions	
		Length	348.2 mm
		Depth	72.6 mm
		Height	150 mm
		Packaging data	
		Package type	Box



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