

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	
		Depth	348.2 mm
		Height	72.6 mm
		Width	150 mm
		Packaging data	
		Package type	Box



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