



## 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

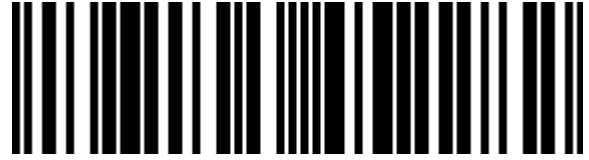


- Powered by NVIDIA DLSS3, ultra-efficient Ada Lovelace arch, and full ray tracing
  - 4th Generation Tensor Cores: Up to 4x performance with DLSS 3 vs. brute-force rendering
  - 3rd Generation RT Cores: Up to 2X ray tracing performance
  - Axial-tech fans scaled up to deliver 23% more airflow
  - Dual 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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