

ASUS ROG -STRIX-RTX4080S-16G-GAMING NVIDIA GeForce RTX 4080 SUPER 16 GB GDDR6X

Brand : ASUS

Product family: ROG

Product code: 90YV0KB1-M0NA00

Product name : ROG-STRIX-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 for 23% more airflow
 - New patented vapor chamber with milled heatspreader for lower GPU temps
 - 3.5-slot design: massive fin array optimized for airflow from the three Axial-tech fans
 - Diecast shroud, frame, and backplate add rigidity and are vented to further maximize airflow and heat dissipation
 - Digital power control with high-current power stages and 15K capacitors to fuel maximum performance
 - Auto-Extreme precision automated manufacturing for higher reliability
 - GPU Tweak III software provides intuitive performance tweaking, thermal controls, and system monitoring
- 16 GB, GDDR6X, 256-bit, PCI Express 4.0, 2580 MHz OC mode clock, 2x HDMI, 3x DisplayPort, 1x 16-pin, 3.5 slot, ARGB



Processor		Performance	
CUDA *	✓	HDCP	✓
CUDA cores	10420	HDCP version	2.3
Graphics processor family *	NVIDIA	Dual Link DVI *	✗
Graphics processor *	GeForce RTX 4080 SUPER	NVIDIA G-SYNC	✓
Processor boost clock speed	2550 MHz	Design	
Processor frequency (OC mode)	2580 MHz	Cooling type *	Active
Maximum resolution *	7680 x 4320 pixels	Cooling technology	ASUS Axial-tech
Parallel processing technology support *	Not supported	Number of fans	3 fan(s)
Maximum displays per videocard	4	Form factor	Full-Height/Full-Length (FH/FL)
Memory		Bracket height	Full-Height (FH)
Discrete graphics card memory *	16 GB	Number of slots	3.5
Graphics card memory type *	GDDR6X	Illumination	✓
Memory bus *	256 bit	Illumination colour	Multi
Data transfer rate	23 Gbit/s	Product colour	Black
Ports & interfaces		Power	
Interface type *	PCI Express 4.0	Minimum system power supply *	850 W
HDMI ports quantity *	2	Supplementary power connectors	1x 16-pin
HDMI version	2.1a	System requirements	
DisplayPorts quantity *	3	Windows operating systems supported	Windows 11
DisplayPort version	1.4a	Weight & dimensions	
Performance		Length	357.6 mm
TV tuner integrated *	✗	Depth	70.1 mm
DirectX version *	12 Ultimate	Height	149.3 mm
OpenGL version *	4.6	Packaging data	
Virtual Reality (VR) ready	✓	Package type	Box

Packaging content

Manual





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