

ASUS RTX5080-O16G-NOCTUA NVIDIA GeForce RTX 5080 16 GB GDDR7

Brand : ASUS

Product code: 90YV0M32-M0NA00

Product name : RTX5080-O16G-NOCTUA

- AI Performance: 1858 AI TOPS
- OC Edition: 2730 MHz (OC mode)/ 2700 MHz (Default mode)
- Powered by the NVIDIA Blackwell architecture and DLSS 4
- Three Noctua NF-A12x25 G2 120mm fans for superior quiet cooling performance
- Optimized vapor chamber efficiently wicks heat into a large fin array
- Phase-change GPU thermal pad helps ensure optimal heat transfer, lowering GPU temperatures for enhanced performance and reliability
- 0dB technology lets you enjoy light gaming in relative silence
- Dual BIOS lets you toggle between Quiet and Performance BIOS profiles
- GPU Tweak III software provides intuitive performance tweaking, advanced thermal controls and system monitoring
- 16 GB, GDDR7, 256-bit, 2700 MHz boost clock, PCI Express 5.0, 3x DisplayPort, 2x HDMI, 1x 16-pin, 4 slot

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ASUS and Noctua have teamed up to redefine the quietest air-cooled graphics card in its class with RTX™ 5080

Processor		Performance	
CUDA *	✓	OpenGL version *	4.6
CUDA cores	10752	Virtual Reality (VR) ready	✓
Graphics processor family *	NVIDIA	HDCP	✓
Graphics processor *	GeForce RTX 5080	HDCP version	2.3
Processor boost clock speed	2700 MHz	Dual Link DVI *	✗
Processor frequency (OC mode)	2730 MHz	NPU performance up to	1858 TOPs
Maximum resolution *	7680 x 4320 pixels	Overclocked (OC) edition	✓
Parallel processing technology support *	Not supported	Design	
Maximum displays per videocard	4	Cooling type *	Active
Memory		Number of fans	3 fan(s)
Discrete graphics card memory *	16 GB	Fan diameter	12 cm
Graphics card memory type *	GDDR7	Form factor	Full-Height/Full-Length (FH/FL)
Memory bus *	256 bit	Bracket height	Full-Height (FH)
Data transfer rate	30 Gbit/s	Number of slots	4
Ports & interfaces		Product colour	Brown, Silver
Interface type *	PCI Express 5.0	Power	
HDMI ports quantity *	2	Minimum system power supply *	850 W
HDMI version	2.1b	Supplementary power connectors	1x 16-pin
DisplayPorts quantity *	3	Weight & dimensions	
DisplayPort version	2.1b	Length	385 mm
Performance		Depth	80 mm
TV tuner integrated *	✗	Height	151 mm
DirectX version *	12 Ultimate	Packaging data	
		Package type	Box
		Packaging content	
		Manual	✓





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