

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

Brand : ASUS

Product family: ProArt

Product code: 90YV0N30-M0AA00

Product name : PROART-RTX5080-O16G

- Powered by the NVIDIA Blackwell architecture and DLSS 4
 - 2.5-slot small form factor size with boosted thermal design, seeking perfect balance between compatibility and performance
 - USB Type-C support, offering better versatility for content creation workflows
 - MaxContact design with vapor chamber ensures efficient heat transfer, providing a premium performance
 - Phase-change GPU thermal pad ensures optimal heat transfer, lowering GPU temperatures for enhanced performance and reliability
 - Axial-tech fans propel more airflow
 - Minimalist design with classy brown wood grain finish and indirect aura lighting for endless personalization
 - Auto-Extreme manufacturing process for precision and reliability
 - GPU Tweak III software provides intuitive performance tweaking, advanced thermal controls and system monitoring
- NVIDIA GeForce RTX 5080 16GB GDDR7, 256-bit, PCI Express 5.0, 1x 16-pin, 2.5 slot, ARGB, 1801 TOPs



Processor		Performance	
CUDA *	✓	HDCP version	2.3
CUDA cores	10752	Dual Link DVI *	✗
Graphics processor family *	NVIDIA	NVIDIA G-SYNC	✓
Graphics processor *	GeForce RTX 5080	NPU performance up to	1801 TOPs
Processor boost clock speed	2700 MHz	Overclocked (OC) edition	✓
Processor frequency (OC mode)	2730 MHz	Design	
Maximum resolution *	7680 x 4320 pixels	Cooling type *	Active
Parallel processing technology support *	Not supported	Cooling technology	ASUS Axial-tech
Maximum displays per videocard	4	Number of fans	3 fan(s)
Memory		Form factor	Full-Height/Full-Length (FH/FL)
Discrete graphics card memory *	16 GB	Bracket height	Full-Height (FH)
Graphics card memory type *	GDDR7	Number of slots	2.5
Memory bus *	256 bit	Illumination	✓
Data transfer rate	30 Gbit/s	Illumination colour	Multi
Ports & interfaces		SFF ready	✓
Interface type *	PCI Express 5.0	Product colour	Black
HDMI ports quantity *	1	Power	
HDMI version	2.1b	Minimum system power supply *	850 W
DisplayPorts quantity *	2	Supplementary power connectors	1x 16-pin
DisplayPort version	2.1b	System requirements	
USB Type-C ports quantity	1	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Performance		Weight & dimensions	
TV tuner integrated *	✗	Length	304 mm
DirectX version *	12 Ultimate	Depth	50 mm
OpenGL version *	4.6	Height	126 mm
Virtual Reality (VR) ready	✓	Packaging data	
HDCP	✓	Package type	Box
		Packaging content	
		Power cord included	✓

Packaging content

Manual





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Catalog Object Cloud



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