

ASUS RTX4080-O16G-NOCTUA NVIDIA GeForce RTX 4080 16 GB GDDR6X

Brand : ASUS

Product code: 90YV0IB2-M0NA00

Product name : RTX4080-O16G-NOCTUA

- 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: 2625 MHz (OC mode)/ 2595 MHz (Default mode)
 - Two Noctua NF-A12x25 PWM fans deliver exceptional cooling and low noise
 - Optimized vapor chamber efficiently wicks heat into a large fin array
 - Dual BIOS switch lets you toggle between Quiet and Performance BIOS profiles sans software
 - 0dB technology lets you enjoy light gaming in relative silence
 - GPU Tweak III provides intuitive performance tweaking, thermal controls, and system monitoring
- NVIDIA GeForce RTX 4080 16GB GDDR6X, PCI Express 4.0, 22.4 Gbps, 256-bit, 750W, 1 x 16-pin, 4.3 Slot



Processor		Performance	
CUDA *	✓	OpenGL version *	4.6
CUDA cores	9728	Virtual Reality (VR) ready	✓
Graphics processor family *	NVIDIA	HDCP	✓
Graphics processor *	GeForce RTX 4080	HDCP version	2.3
Processor boost clock speed	2595 MHz	Dual Link DVI *	✗
Processor frequency (OC mode)	2625 MHz		
Maximum resolution *	7680 x 4320 pixels		
Parallel processing technology support *	Not supported		
Maximum displays per videocard	4		
Memory		Design	
Discrete graphics card memory *	16 GB	Cooling type *	Active
Graphics card memory type *	GDDR6X	Number of fans	2 fan(s)
Memory bus *	256 bit	Number of slots	4.3
Memory bandwidth (max)	22.4 GB/s	Product colour	Black, Brown
Ports & interfaces		Power	
Interface type *	PCI Express 4.0	Minimum system power supply *	750 W
HDMI ports quantity *	2	Supplementary power connectors	1x 16-pin
HDMI version	2.1a		
DisplayPorts quantity *	3		
DisplayPort version	1.4a		
		Weight & dimensions	
		Weight	1.95 kg
		Length	310 mm
		Depth	87.5 mm
		Height	144.8 mm
		Packaging data	
		Package width	424 mm
		Package depth	126 mm
		Package height	245 mm
		Package weight	2.71 kg
		Package type	Box



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