

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

**Brand :** ASUS

**Product code:** 90YV0IB2-M0NA00

**Product name :** RTX4080-O16G-NOCTUA

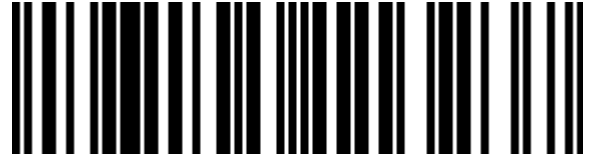
- Powered by NVIDIA DLSS3, ultra-efficient Ada Lovelace arch, and full ray tracing
  - 4th Generation Tensor Cores: Up to 4x performance with DLSS 3 vs. brute-force rendering
  - 3rd Generation RT Cores: Up to 2x ray tracing performance
  - OC mode: 2625 MHz (OC mode)/ 2595 MHz (Default mode)
  - Two 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	Design	
Maximum resolution *	7680 x 4320 pixels	Cooling type *	Active
Parallel processing technology support *	Not supported	Number of fans	2 fan(s)
Maximum displays per videocard	4	Number of slots	4.3
Memory		Product colour	Black, Brown
Discrete graphics card memory *	16 GB	Power	
Graphics card memory type *	GDDR6X	Minimum system power supply *	750 W
Memory bus *	256 bit	Supplementary power connectors	1x 16-pin
Memory bandwidth (max)	22.4 GB/s	Weight & dimensions	
Ports & interfaces		Weight	1.95 kg
Interface type *	PCI Express 4.0	Length	310 mm
HDMI ports quantity *	2	Depth	87.5 mm
HDMI version	2.1a	Height	144.8 mm
DisplayPorts quantity *	3	Packaging data	
DisplayPort version	1.4a	Package width	424 mm
		Package depth	126 mm
		Package height	245 mm
		Package weight	2.71 kg
		Package type	Box



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