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 CUDA * ✓ OpenGL version * 4.6 CUDA cores 9728 Virtual Reality (VR) ready ✓ Graphics processor family * NVIDIA HDCP ✓ Graphics processor 6 GeForce RTX 4080 HDCP version 2.3 Processor boost clock speed 2595 MHz bual Link DVI * X Processor frequency (OC mode) 2625 MHz Cooling type * Active Maximum resolution * 7680 x 4320 pixels Possign Active Parallel processing technology support * Not supported Not supported Active Maximum displays per videocard 4 Number of fans 4.3 Memory 16 GB Power Discrete graphics card memory type * GDDR6X Minimum system power supply * 750 W Memory bus * 256 bit Supplementary power connectors to 1x 16-pin Memory bandwidth (max) 22.4 GB/s Weight & dimensions Ports & interfaces Interface type * PCI Express 4.0 Length 1.95 kg InDMI ports quantity * 2.1a Height 144.8 mm				
CUDA cores 9728 Virtual Reality (VR) ready Graphics processor family* NVIDIA HDCP Graphics processor 6 GeForce RTX 4080 HDCP version Graphics processor 6 GeForce RTX 4080 HDCP version Graphics processor 6 GeForce RTX 4080 HDCP version 2.3 Processor frequency (OC mode) Ge55 MHz Processor frequency (OC mode) Raximum resolution* 7680 x 4320 pixels Maximum displays per videocard Maximum displays per videocard Memory Indicate the first of the firs	Processor		Performance	
Maximum displays per videocard 4 Number of slots 4.3 Memory 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 HDMI version 2.1a DisplayPorts quantity * 3 DisplayPort version 1.4a Package width 424 mm Package depth 126 mm Package height 2.71 kg	CUDA cores Graphics processor family * Graphics processor * Processor boost clock speed Processor frequency (OC mode) Maximum resolution * Parallel processing technology	9728 NVIDIA GeForce RTX 4080 2595 MHz 2625 MHz 7680 x 4320 pixels	Virtual Reality (VR) ready HDCP HDCP version Dual Link DVI * Design Cooling type *	✓ ✓ 2.3 X
Discrete graphics card memory * 16 GB	""	4	Number of slots	4.3
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DisplayPort version 1.4a Package width Package depth Package height Package weight 2.71 kg	Interface type * HDMI ports quantity * HDMI version	2 2.1a	Length Depth	310 mm 87.5 mm
Package width 424 mm Package depth 126 mm Package height 245 mm Package weight 2.71 kg		•	Packaging data	
			Package depth Package height Package weight	126 mm 245 mm 2.71 kg





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