



# ASUS ROG -STRIX-RTX4080-O16G-GAMING NVIDIA GeForce RTX 4080 16 GB GDDR6X



**Brand :** ASUS

**Product family:** ROG

**Product code:** 90YV0IC0-M0NA00

**Product name :** ROG-STRIX-RTX4080-O16G-GAMING

- NVIDIA Ada Lovelace Streaming Multiprocessors: Up to 2x performance and power efficiency
  - 4th Generation Tensor Cores: Up to 2X AI performance
  - 3rd Generation RT Cores: Up to 2X ray tracing performance
  - Axial-tech fans scaled up for 23% more airflow
  - New patented vapor chamber with milled heatspreader for lower GPU temps
  - 3.5-slot design: massive fin array optimized for airflow from the three Axial-tech fans
  - Diecast shroud, frame, and backplate add rigidity and are vented to further maximize airflow and heat dissipation
  - Digital power control with high-current power stages and 15K capacitors to fuel maximum performance
  - Auto-Extreme precision automated manufacturing for higher reliability
  - GPU Tweak III software provides intuitive performance tweaking, thermal controls, and system monitoring
- ROG Strix GeForce RTX® 4080 16GB GDDR6X OC Edition buffed-up design with chart-topping thermal performance

Processor		Performance	
CUDA *	✓	HDCP	✓
CUDA cores	9728	HDCP version	2.3
Graphics processor family *	NVIDIA	Dual Link DVI *	✗
Graphics processor *	GeForce RTX 4080	Design	
Processor boost clock speed	2625 MHz	Cooling type *	Active
Processor frequency (OC mode)	2655 MHz	Number of fans	3 fan(s)
Maximum resolution *	7680 x 4320 pixels	Form factor	Full-Height/Full-Length (FH/FL)
Parallel processing technology support *	Not supported	Number of slots	3.5
Maximum displays per videocard	4	Illumination	✓
Memory		Illumination colour	Blue, Green, Red
Discrete graphics card memory *	16 GB	Product colour	Black
Graphics card memory type *	GDDR6X	Power	
Memory bus *	256 bit	Minimum system power supply *	750 W
Data transfer rate	22.4 Gbit/s	Supplementary power connectors	1x 16-pin
Ports & interfaces		Weight & dimensions	
Interface type *	PCI Express 4.0	Weight	2.5 kg
HDMI ports quantity *	2	Length	357.6 mm
HDMI version	2.1a	Depth	70.1 mm
DisplayPorts quantity *	3	Height	149.3 mm
DisplayPort version	1.4a	Packaging data	
Performance		Package width	420 mm
TV tuner integrated *	✗	Package depth	126 mm
DirectX version *	12 Ultimate	Package height	226 mm
OpenGL version *	4.6	Package weight	3.5 kg
		Package type	Box
		Packaging content	
		Manual	✓



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