

Gigabyte AORUS GeForce RTX 4080 MASTER NVIDIA 16 GB GDDR6X

Brand : Gigabyte

Product family: AORUS

Product code: GV-N4080AORUS M-16GD

Product name : GeForce RTX 4080 MASTER



- 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
- Powered by GeForce RTX™ 4080 16GB
- Integrated with 16GB GDDR6X 256-bit memory interface
- WINDFORCE Cooling System
- LCD Edge View
- RGB Fusion
- Dual BIOS
- Protection metal back plate

16 GB, GDDR6X, 256-bit, 2550 MHz core clock, PCI-E 4.0, HDMI, 3x DisplayPort, 1x 16-pin, RGB Gigabyte AORUS GeForce RTX 4080 MASTER. Graphics processor family: NVIDIA, Graphics processor: GeForce RTX 4080, Processor frequency: 2550 MHz. Discrete graphics card memory: 16 GB, Graphics card memory type: GDDR6X, Memory bus: 256 bit. Maximum resolution: 7680 x 4320 pixels. DirectX version: 12 Ultimate, OpenGL version: 4.6. Interface type: PCI Express 4.0. Cooling type: Active, Number of fans: 3 fan(s), Illumination colour: Multi



Processor		Performance	
CUDA *	✓	Dual Link DVI *	✗
CUDA cores	9728	NVIDIA G-SYNC	✓
Graphics processor family *	NVIDIA	Design	
Graphics processor *	GeForce RTX 4080	Cooling type *	Active
Processor frequency *	2550 MHz	Cooling technology	GIGABYTE WINDFORCE 3X
Maximum resolution *	7680 x 4320 pixels	Number of fans	3 fan(s)
Maximum displays per videocard	4	Fan diameter	11 cm
Memory		Form factor	Full-Height/Full-Length (FH/FL)
Discrete graphics card memory *	16 GB	Bracket height	Full-Height (FH)
Graphics card memory type *	GDDR6X	Illumination	✓
Memory bus *	256 bit	Illumination colour	Multi
Number of pipelines	12	Product colour	Black, Grey
Data transfer rate	22.4 Gbit/s	Power	
Ports & interfaces		Minimum system power supply *	850 W
Interface type *	PCI Express 4.0	Supplementary power connectors	1x 16-pin
HDMI ports quantity *	1	System requirements	
HDMI version	2.1	Windows operating systems supported	Windows 10 x64, Windows 11 x64
DisplayPorts quantity *	3	Weight & dimensions	
DisplayPort version	1.4a	Depth	357 mm
Performance		Height	75 mm
TV tuner integrated *	✗	Width	163 mm
DirectX version *	12 Ultimate	Packaging data	
OpenGL version *	4.6	Package type	Box
Virtual Reality (VR) ready	✓	Packaging content	
		User guide	✓



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