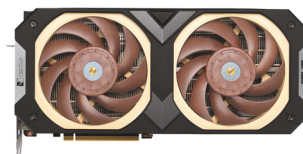# ASUS Noctua RTX4080 SUPER OC NVIDIA GeForce RTX 4080 SUPER 16 GB GDDR6X

Brand : ASUS

Product code: 90YV0KA2-M0NA00

Product name : Noctua RTX4080 SUPER OC

- 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 Edition: 2640 MHz (OC mode)/ 2610 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
16 GB, GDDR6X, 256-bit, PCI Express 4.0, 2610 MHz boost clock, 2x HDMI, 3x DisplayPort, 1x 16-pin, 4.3 slot

Processor

CUDA *	✔
CUDA cores	10240
Graphics processor family *	NVIDIA
Graphics processor *	GeForce RTX 4080 SUPER
Processor boost clock speed	2610 MHz
Processor frequency (OC mode)	2640 MHz
Maximum resolution *	7680 x 4320 pixels
Parallel processing technology support *	Not supported
Maximum displays per videocard	4

Memory

Discrete graphics card memory *	16 GB
Graphics card memory type *	GDDR6X
Memory bus *	256 bit
Data transfer rate	23 Gbit/s

Ports & interfaces

Interface type *	PCI Express 4.0
HDMI ports quantity *	2
HDMI version	2.1a
DisplayPorts quantity *	3
DisplayPort version	1.4a

Performance

TV tuner integrated *	✘
DirectX version *	12 Ultimate
OpenGL version *	4.6
Virtual Reality (VR) ready	✔
HDCP	✔

Performance

HDCP version	2.3
Dual Link DVI *	✘
NVIDIA G-SYNC	✔

Design

Cooling type *	Active
Number of fans	2 fan(s)
Form factor	Full-Height/Full-Length (FH/FL)
Bracket height	Full-Height (FH)
Number of slots	4.3
Product colour	Black

Power

Minimum system power supply *	850 W
Supplementary power connectors	1x 16-pin

System requirements

Windows operating systems supported	Windows 10 x64, Windows 11 x64

Weight & dimensions

Weight	1.95 kg
Length	310 mm
Depth	87.5 mm
Height	144.8 mm

Packaging data

Package width	310 mm
Package depth	144.8 mm
Package height	87.5 mm
Package weight	2.71 kg
Package type	Box

Packaging content	
Manual	✔

4711387493625

0197105493636

197105493636