

ASUS ROG GeForce RTX 3050 8GB NVIDIA GDDR6

Brand : ASUS

Product family: ROG

Product code: 90YV0H10-MONA00

Product name : GeForce RTX 3050 8GB



- NVIDIA Ampere Streaming Multiprocessors: The all-new Ampere SM brings 2X the FP32 throughput and improved power efficiency.
 - 2nd Generation RT Cores: Experience 2X the throughput of 1st gen RT Cores, plus concurrent RT and shading for a whole new level of ray-tracing performance.
 - 3rd Generation Tensor Cores: Get up to 2X the throughput with structural sparsity and advanced AI algorithms such as DLSS. These cores deliver a massive boost in game performance and all-new AI capabilities.
 - Axial-tech fan design has been newly tuned with a reversed central fan direction for less turbulence.
 - 2.7-slot design expands cooling surface area to make the most of the three powerful Axial-tech fans.
 - Super Alloy Power II includes premium alloy chokes, solid polymer capacitors, and an array of high-current power stages.
 - GPU Tweak II provides intuitive performance tweaking, thermal controls, and system monitoring.
- GeForce RTX 3050, 8GB GDDR6, 128-bit, 1x 8-pin, PCI-E 4.0 X16, 2x HDMI, 3x DP, 300x133.6x53.5 mm

Processor		Performance	
CUDA *	✓	TV tuner integrated *	✗
CUDA cores	2560	OpenGL version *	4.6
Graphics processor family *	NVIDIA	HDCP	✓
Graphics processor *	GeForce RTX 3050	Dual Link DVI *	✗
Processor boost clock speed (OC mode)	1807 MHz	Design	
Processor boost clock speed (Gaming mode)	1777 MHz	Cooling type *	Active
Maximum resolution *	7680 x 4320 pixels	Cooling technology	ASUS Axial-tech
Parallel processing technology support *	Not supported	Number of fans	3 fan(s)
Maximum displays per videocard	4	Number of slots	2.7
Memory		Product colour	Black, Grey
Discrete graphics card memory *	8 GB	Power	
Graphics card memory type *	GDDR6	Minimum system power supply *	550 W
Memory bus *	128 bit	Supplementary power connectors	1x 8-pin
Data transfer rate	14 Gbit/s	Weight & dimensions	
Ports & interfaces		Weight	1.12 kg
Interface type *	PCI Express x16 4.0	Depth	53.5 mm
HDMI ports quantity *	2	Height	133.6 mm
HDMI version	2.1	Packaging data	
DisplayPorts quantity *	3	Package width	405 mm
DisplayPort version	1.4a	Package depth	88.5 mm
		Package height	233 mm
		Package weight	1.82 kg
		Package type	Box
		Packaging content	
		Manual	✓
		Bundled software	ASUS GPU Tweak II



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Publication date: 23-DEC-2024. Prints or copies of Information are only valid on the printed Publication date