

ASUS Phoenix PH-RTX3050-8G NVIDIA GeForce RTX 3050 8 GB GDDR6

Brand : ASUS

Product family: Phoenix

Product code: 90YV0HH2-M0NA00

Product name : PH-RTX3050-8G



- 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 features a smaller fan hub that facilitates longer blades and a barrier ring that increases downward air pressure.
 - Dual ball fan bearings can last up to twice as long as sleeve bearing designs.
 - Auto-Extreme Technology uses automation to enhance reliability.
 - A protective backplate prevents PCB flex and trace damage.
 - A protective PCB coating protects against moisture, dust, and extreme temperatures.
- 8 GB, GDDR6, 128-bit, PCI Express 4.0, 3xDisplayPort, HDMI, 1x8-pin

Processor		Performance	
CUDA *	✓	OpenGL version *	4.6
CUDA cores	2560	HDCP	✓
Graphics processor family *	NVIDIA	Dual Link DVI *	✗
Graphics processor *	GeForce RTX 3050	NVIDIA G-SYNC	✓
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	1 fan(s)
Maximum displays per videocard	4	Number of slots	2.55
Memory		Product colour	Black
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	590 g
Interface type *	PCI Express 4.0	Length	177 mm
HDMI ports quantity *	1	Depth	51 mm
HDMI version	2.1	Height	128 mm
DisplayPorts quantity *	3	Packaging data	
DisplayPort version	1.4a	Package width	364 mm
Performance		Package depth	67 mm
TV tuner integrated *	✗	Package height	219 mm
DirectX version *	12 Ultimate	Package weight	1.04 kg
		Package type	Box
		Packaging content	
		Manual	✓

Logistics data

Harmonized System (HS) code 84733020



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