

ASUS Turbo -RTX3080-10G NVIDIA GeForce RTX 3080 10 GB GDDR6X

Brand : ASUS

Product family: Turbo

Product code: 90YV0GA0-M0NB00

Product name : TURBO-RTX3080-10G



- NVIDIA Ampere Streaming Multiprocessors: The building blocks for the world's fastest, most efficient GPU, 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. Now with support for up to 8K resolution, these cores deliver a massive boost in game performance and all-new AI capabilities
 - A redesigned shroud incorporates angles on all edges for optimized airflow
 - Dual ball fan bearings can last up to twice as long as sleeve bearing designs
 - Auto-Extreme Technology uses automation to enhance reliability
- 10GB, GDDR6X, 320-bit, 1740MHz boost clock, HDMI, 3xDisplayPort, 2-slot



Processor		Ports & interfaces	
CUDA *	✓	DisplayPorts quantity *	3
CUDA cores	8704	DisplayPort version	1.4a
Graphics processor family *	NVIDIA	Performance	
Graphics processor *	GeForce RTX 3080	TV tuner integrated *	✗
Processor frequency *	1440 MHz	DirectX version *	12.0
Processor boost clock speed	1710 MHz	OpenGL version *	4.6
Processor boost clock speed (OC mode)	1740 MHz	HDCP	✓
Maximum resolution *	7680 x 4320 pixels	Dual Link DVI *	✗
Parallel processing technology support *	Not supported	NVIDIA G-SYNC	✓
Maximum displays per videocard	4	Design	
FireStream	✗	Cooling type *	Active
Memory		Number of fans	1 fan(s)
Discrete graphics card memory *	10 GB	Fan diameter	8 cm
Graphics card memory type *	GDDR6X	Number of slots	2
Memory bus *	320 bit	Product colour	Black
Data transfer rate	19 Gbit/s	Power	
Ports & interfaces		Minimum system power supply *	850 W
Interface type *	PCI Express 4.0	Supplementary power connectors	2x 8-pin
HDMI ports quantity *	1	Weight & dimensions	
HDMI version	2.1	Length	268 mm
		Depth	39 mm
		Height	113 mm
		Packaging content	
		User guide	✓



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