

ASUS Turbo -RTX3090-24G NVIDIA GeForce RTX 3090 24 GB GDDR6X

Brand : ASUS

Product family: Turbo

Product code: 90YV0FK0-M0NB00

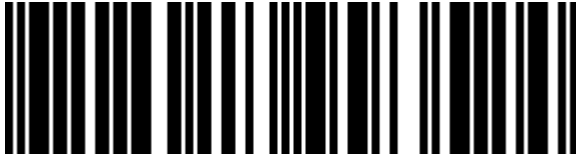
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- NVIDIA Ampere Streaming Multiprocessors: The building blocks for the world's fastest, most efficient GPU, the all-new Ampere SM brings 2X the FP32 throughput and improved power efficiency
 - 2nd Generation RT Cores: Experience 2X the throughput of 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
- GDDR6X 24GB, PCI Express 4.0, 7680 x 4320, 1695/1725 MHz, 19.5 Gbps, 384-bit, HDMI, 3 x DP, 2 x 8-pin, 750 W



Processor		Performance	
CUDA *	✓	PhysX	✗
CUDA cores	10496	TV tuner integrated *	✗
Graphics processor family *	NVIDIA	DirectX version *	12.0
Graphics processor *	GeForce RTX 3090	Shader model version *	✗
Processor boost clock speed	1695 MHz	OpenGL version *	4.6
Processor frequency (OC mode)	1725 MHz	HDCP	✗
Maximum resolution *	7680 x 4320 pixels	Dual Link DVI *	✗
Memory		Design	
Discrete graphics card memory *	24 GB	Cooling type *	Active
Graphics card memory type *	GDDR6X	Number of fans	2 fan(s)
Memory bus *	384 bit	Power	
Data transfer rate	19.5 Gbit/s	Power consumption (typical) *	750 W
Ports & interfaces		Supplementary power connectors	2x 8-pin
Interface type *	PCI Express 4.0	Weight & dimensions	
HDMI ports quantity *	1	Length	268 mm
HDMI version	2.1	Depth	39 mm
DisplayPorts quantity *	3	Height	113 mm
DisplayPort version	1.4a	Packaging data	
		Package type	Box
		Logistics data	
		Harmonized System (HS) code	84733020



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