

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

Brand : ASUS

Product family: Turbo

Product code: 90YV0FK0-M0NB00

Product name : TURBO-RTX3090-24G



- 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



4718017993524

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 22-DEC-2024. Prints or copies of Information are only valid on the printed Publication date