

ASUS ROG G700 G700TF-DSU95090A-CB Intel Core Ultra 9 285K 64 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 5090 Windows 11 Home Tower PC Black

Brand : ASUS

Product family: ROG

Product code: 90PF0561-M006X0

Product name : G700TF-DSU95090A-CB

- Windows 11 Home 64-bit
- Intel Core Ultra 9 285K (36MB Cache)
- NVIDIA GeForce RTX 5090 (32GB GDDR7)
- 64GB DDR5-SDRAM & 2000GB SSD

Intel Core Ultra 9 285K (36MB Cache), 64GB DDR5-SDRAM, 2000GB SSD, Intel Graphics, NVIDIA GeForce RTX 5090 (32GB GDDR7), LAN, Windows 11 Home 64-bit

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BIRTH OF A LEGEND

ASUS made its name on PC components like motherboards and graphics cards, so we know what a quality PC looks like. We carefully designed this entire system from the ground up, rigorously tested it for rock-solid stability and reliability, and tuned it for incredible power efficiency, and thermal performance.



Processor		Graphics	
Processor manufacturer *	Intel	Discrete graphics memory type	GDDR7
Processor family *	Intel Core Ultra 9	On-board GPU manufacturer	Intel
Processor generation	Intel Core Ultra (Series 2)	On-board graphics card family	Intel Graphics
Processor model *	285K	On-board graphics card model *	Intel Graphics
Processor cores	24	Graphics card HDMI ports quantity	2
Processor threads	24	Graphics card DisplayPorts quantity	3
Processor boost frequency	5.7 GHz	Network	
Performance cores	8	Ethernet LAN *	✓
Efficient cores	16	Ethernet LAN data rates	1000 Mbit/s
Performance-core Max Turbo Frequency	5.5 GHz	Ports & interfaces	
Efficient-core Max Turbo Frequency	4.6 GHz	USB 2.0 ports quantity *	4
Performance-core base frequency	3.7 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6
Efficient-core base frequency	3.2 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor cache	36 MB	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Processor cache type	Smart Cache	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor base power	125 W	DisplayPorts quantity	1
Maximum turbo power	250 W	DisplayPort version	1.4
Neural processor unit (NPU)		Ethernet LAN (RJ-45) ports	1
Neural processor unit (NPU)	Intel AI Boost	Microphone in	✓
Sparsity support	✓	Headphone outputs	1
Windows Studio effects support	✓		
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN		

Neural processor unit (NPU)		Expansion slots	
Total processor performance up to	36 TOPs	PCI Express x16 (Gen 4.x) slots	3
NPU performance up to	13 TOPs	PCI Express x16 (Gen 5.x) slots	1
GPU performance up to	8 TOPs	Design	
Memory		Chassis type *	Tower
Internal memory *	64 GB	Colour name	Black
Maximum internal memory *	128 GB	Product colour *	Black
Internal memory type	DDR5-SDRAM	Performance	
Memory slots	4x DIMM	Market positioning	Gaming
Storage		Motherboard chipset	Intel B860
Total storage capacity *	2 TB	Audio system	High Definition Audio
Storage media *	SSD	Audio output channels	7.1 channels
Optical drive type *	✗	Product type *	PC
Total SSDs capacity	2 TB	Software	
Number of SSDs installed	1	Operating system architecture	64-bit
SSD capacity	2 TB	Operating system installed *	Windows 11 Home
SSD interface	PCI Express 4.0	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
NVMe	✓	Power	
SSD form factor	M.2	Power supply *	1000 W
M.2 SSD size	2280 (22 x 80 mm)	80 PLUS certification	80 PLUS Gold
Graphics		Weight & dimensions	
Discrete graphics card *	✓	Width *	240 mm
Discrete GPU manufacturer	NVIDIA	Depth *	509.2 mm
On-board graphics card *	✓	Height *	479.6 mm
Discrete graphics card model *	NVIDIA GeForce RTX 5090	Weight *	18 kg
Discrete graphics card memory	32 GB	Display	
		Display included *	✗



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