

ASUS TUF Gaming T500 T500MV-DS764Ti Intel® Core™ i7 i7-13620H 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5060 Ti Windows 11 Pro Tower PC Grey

Brand : ASUS

Product family: TUF Gaming T500

Product code: 90PF05H2-M013N0

Product name : T500MV-DS764Ti

- Windows 11 Pro 64-bit
- Intel Core i7-13620H (24MB Cache)
- NVIDIA GeForce RTX 5060 Ti (16GB GDDR7)
- 16GB DDR5-SDRAM & 1000GB SSD

Intel Core i7-13620H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, Intel UHD Graphics, NVIDIA GeForce RTX 5060 Ti (16GB GDDR7), LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

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Game on

Game like a pro with Windows 11 Pro, up to an Intel® Core™ i7-13620H processor, and up to an NVIDIA® GeForce RTX™ 5060 Ti GPU. With up to 64GB of DDR5 RAM and PCIe Gen 4 storage, game load times feel snappy and you always have enough headroom to multitask.



Processor		Performance	
Processor manufacturer *	Intel	Product type *	PC
Processor family *	Intel® Core™ i7	Trusted Platform Module (TPM) version	2.0
Processor generation	13th gen Intel® Core™ i7	Audio output channels	7.1 channels
Processor model *	i7-13620H	Network	
Processor cores	10	Ethernet LAN *	✓
Processor threads	16	Ethernet LAN data rates	1000 Mbit/s
Processor boost frequency	4.9 GHz	Wi-Fi *	✓
Performance cores	6	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Efficient cores	4	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Performance-core Max Turbo Frequency	4.9 GHz	Antenna type	2x2
Efficient-core Max Turbo Frequency	3.6 GHz	Bluetooth	✓
Processor cache	24 MB	Bluetooth version	5.4
Processor cache type	Smart Cache	Ports & interfaces	
Processor base power	45 W	USB 2.0 ports quantity *	4
Maximum turbo power	115 W	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Memory		USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Internal memory *	16 GB	DisplayPorts quantity	1
Maximum internal memory *	64 GB	DisplayPort version	1.4
Internal memory type	DDR5-SDRAM	HDMI ports quantity *	1
Memory slots	2x SO-DIMM	HDMI version	1.4
Storage			
Total storage capacity *	1 TB		

Storage		Ports & interfaces	
Storage media *	SSD	Ethernet LAN (RJ-45) ports	1
Optical drive type *	✗	Combo headphone/mic port	✓
Total SSDs capacity	1 TB	Line-out	✓
Number of SSDs installed	1	Line-in	✓
SSD capacity	1 TB	Microphone in	✓
SSD interface	PCI Express 4.0	Expansion slots	
NVMe	✓	PCI Express x16 (Gen 4.x) slots	1
SSD form factor	M.2	Power	
M.2 SSD size	2280 (22 x 80 mm)	Power supply *	500 W
Graphics		80 PLUS certification	80 PLUS Platinum
Discrete graphics card *	✓	Design	
Discrete GPU manufacturer	NVIDIA	Chassis type *	Tower
On-board graphics card *	✓	Colour name	Solar Eclipse Gray
Discrete graphics card model *	NVIDIA GeForce RTX 5060 Ti	Placement supported	Vertical
Discrete graphics card memory	16 GB	Cable lock slot	✓
Discrete graphics memory type	GDDR7	Cable lock slot type	Kensington
On-board GPU manufacturer	Intel	Product colour *	Grey
On-board graphics card family	Intel® UHD Graphics	Software	
On-board graphics card model *	Intel® UHD Graphics	Operating system architecture	64-bit
Graphics card HDMI ports quantity	1	Operating system installed *	Windows 11 Pro
Graphics card DisplayPorts quantity	3	Display	
Performance		Display included *	✗
Market positioning	Gaming	Audio	
Password protection	✓	Audio system	High Definition Audio
Password protection type	HDD, User	Weight & dimensions	
Trusted Platform Module (TPM)	✓	Width *	155.5 mm
		Depth *	296.4 mm
		Height *	347 mm
		Weight *	5.9 kg
		Certificates	
		Compliance certificates	REACH



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