

## ASUS TUF Gaming T500 T500MV-13420H317W Intel® Core™ i5 i5-13420H 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5060 Windows 11 Home Mini Tower PC Black, Grey

**Brand :** ASUS

**Product family:** TUF Gaming T500

**Product code:** 90PF05H2-M00NCO

**Product name :**  
T500MV-13420H317W

- Windows 11 Home 64-bit
  - Intel Core i5-13420H (12MB Cache)
  - NVIDIA GeForce RTX 5060 (8GB GDDR7)
  - 16GB DDR5-SDRAM (1 x 16) & 1000GB SSD
- Intel Core i5-13420H (12MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, Intel UHD Graphics, NVIDIA GeForce RTX 5060 (8GB GDDR7), LAN, WLAN, Bluetooth, Windows 11 Home 64-bit

ASUS TUF Gaming T500 T500MV-13420H317W Intel® Core™ i5 i5-13420H 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5060 Windows 11 Home Mini Tower PC Black, Grey:

### Built for combat.

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		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor family *	Intel® Core™ i5	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor generation	13th gen Intel® Core™ i5	HDMI ports quantity *	1
Processor model *	i5-13420H	HDMI version	1.4
Processor cores	8	DisplayPorts quantity	1
Processor threads	12	DisplayPort version	1.4
Processor boost frequency	4.6 GHz	Ethernet LAN (RJ-45) ports	1
Performance cores	4	Microphone in	✓
Efficient cores	4	Line-out	✓
Performance-core Max Turbo Frequency	4.6 GHz	Line-in	✓
Efficient-core Max Turbo Frequency	3.4 GHz	Combo headphone/mic port	✓
Processor cache	12 MB	Number of rear USB ports	4
Processor cache type	Smart Cache	Number of front USB ports	3
Processor base power	45 W	Number of front audio ports	1
Maximum turbo power	115 W	Number of rear audio ports	3
Memory		Expansion slots	
Internal memory *	16 GB	PCI Express x16 (Gen 4.x) slots	1
Maximum internal memory *	64 GB	Design	
Internal memory type	DDR5-SDRAM	Chassis type *	Mini Tower
Memory layout (slots x size)	1 x 16 GB	Colour name	Solar Eclipse Gray
Memory slots	2x SO-DIMM	Placement supported	Vertical
Storage		Number of 3.5" bays	1
Total storage capacity *	1 TB	Cable lock slot	✓
Storage media *	SSD	Cable lock slot type	Kensington
Optical drive type *	✗	Product colour *	Black, Grey
Total SSDs capacity	1 TB	Viewing window	✓
Number of SSDs installed	1		

Storage		Design	
SSD capacity	1 TB	Introduction year	2025
SSD interface	PCI Express 4.0	Country of origin	China
NVMe	✓	Performance	
SSD form factor	M.2	Market positioning	Gaming
M.2 SSD size	2280 (22 x 80 mm)	Virtual Reality (VR) ready	✓
Graphics		Audio system	High Definition Audio
Discrete graphics card *	✓	Audio output channels	7.1 channels
Discrete GPU manufacturer	NVIDIA	Password protection	✓
On-board graphics card *	✓	Password protection type	HDD, User
Discrete graphics card model *	NVIDIA GeForce RTX 5060	Trusted Platform Module (TPM)	✓
Discrete graphics card memory	8 GB	Product type *	PC
Discrete graphics memory type	GDDR7	Trusted Platform Module (TPM) version	2.0
Number of discrete graphics cards	1	Software	
On-board GPU manufacturer	Intel	Operating system installed *	Windows 11 Home
On-board graphics card family	Intel® UHD Graphics	Operating system architecture	64-bit
On-board graphics card model *	Intel® UHD Graphics	Trial software	1-month trial for new Microsoft 365 customers
Graphics card HDMI ports quantity	1	Power	
Graphics card DisplayPorts quantity	3	Power supply *	330 W
Network		80 PLUS certification	80 PLUS Platinum
Ethernet LAN *	✓	Certificates	
Ethernet LAN data rates	10,100,1000 Mbit/s	Compliance certificates	REACH
Cabling technology	10/100/1000Base-T(X)	Weight & dimensions	
Wi-Fi *	✓	Width *	155.5 mm
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Depth *	296.4 mm
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Height *	356.8 mm
Antenna type	2x2	Weight *	5.9 kg
Bluetooth	✓	Package width	380 mm
Bluetooth version	5.4	Package depth	210 mm
Ports & interfaces		Package height	420 mm
USB 2.0 ports quantity *	4	Package weight	8.6 kg
		Display	
		Display included *	✗
		Other features	
		Commodity Classification Automated Tracking System (CCATS)	8471500000



4711387976159



0197105976153



197105976153

### Catalog Object Cloud



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.