

ASUS V500 Mini Tower V500MV-13420H027W Intel® Core™ i5 i5-13420H 8 GB DDR5-SDRAM 512 GB SSD Windows 11 Home PC Grey

Brand : ASUS

Product family: V500 Mini Tower

Product code: 90PF05R2-M007E0

Product name :
V500MV-13420H027W



- Powered by an Intel Core i5 processor and 8 GB DDR5 RAM
 - ASUS exclusive thermal solutions with near-silent operation
 - Versatile connectivity for data transfer and external device connection
- Intel Core i5-13420H (12MB Cache), 8GB DDR5-SDRAM, 512GB SSD, Intel UHD Graphics, LAN, WLAN, Bluetooth, Windows 11 Home 64-bit

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Optimal Performance, Enhanced Productivity

ASUS V500 Mini Tower is the ideal PC for families, ready to elevate everyday tasks from research and study to the latest in modern entertainment and gaming. Powered by an up to Intel® Core™ i7 processor, high-performance graphics and fast DDR5 memory, it delivers exceptional performance. Superior thermal technology ensures optimal performance under any workload, while advanced AI noise-canceling technology creates a distraction-free environment. Built to last, ASUS V500 Mini Tower's all-solid capacitor design guarantees years of durable and reliable computing — ready to power through work and play.



Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor family *	Intel® Core™ i5	HDMI ports quantity *	1
Processor generation	13th gen Intel® Core™ i5	HDMI version	1.4
Processor model *	i5-13420H	DisplayPorts quantity	1
Processor cores	8	DisplayPort version	1.4
Processor threads	12	Ethernet LAN (RJ-45) ports	1
Processor boost frequency	4.6 GHz	Combo headphone/mic port	✓
Performance cores	4	Number of rear USB ports	4
Efficient cores	4	Number of front USB ports	3
Performance-core Max Turbo Frequency	4.6 GHz	Number of front audio ports	1
Efficient-core Max Turbo Frequency	3.4 GHz	Number of SATA III connectors	2
Processor cache	12 MB	Expansion slots	
Processor cache type	Smart Cache	PCI Express x16 (Gen 4.x) slots	1
Processor base power	45 W	Design	
Maximum turbo power	115 W	Chassis type *	Mini Tower
Memory		Colour name	Grey
Internal memory *	8 GB	Volume	15 L
Maximum internal memory *	64 GB	Number of 3.5" bays	1
Internal memory type	DDR5-SDRAM	Cable lock slot	✓
Memory layout (slots x size)	1 x 8 GB	Cable lock slot type	Kensington
Memory slots	2x SO-DIMM	Product colour *	Grey
Memory clock speed	5600 MHz	Introduction year	2025
Storage		Performance	
Total storage capacity *	512 GB	Market positioning	Everyday
Storage media *	SSD	Audio system	High Definition Audio
Optical drive type *	✗	Audio output channels	7.1 channels
Total SSDs capacity	512 GB		

Storage		Performance	
Number of SSDs installed	1	Password protection	✓
SSD capacity	512 GB	Password protection type	HDD, User
SSD interface	PCI Express 4.0	Product type *	PC
NVMe	✓	Software	
SSD form factor	M.2	Operating system installed *	Windows 11 Home
M.2 SSD size	2280 (22 x 80 mm)	Operating system architecture	64-bit
Card reader integrated	✓	Trial software	1-month trial for new Microsoft 365 customers
Compatible memory cards	MMC, SD	Bundled software	One-Month Membership of Adobe Creative Cloud All Apps, Individual
Graphics			The redemption duration from September 15, 2021 to November 15, 2022.
Discrete graphics card *	✗	Power	
On-board graphics card *	✓	Power supply *	180 W
Discrete graphics card model *	Not available	80 PLUS certification	80 PLUS Bronze
On-board GPU manufacturer	Intel	Certificates	
On-board graphics card family	Intel® UHD Graphics	Compliance certificates	REACH
On-board graphics card model *	Intel® UHD Graphics	Sustainability	
Network		Sustainability certificates	ENERGY STAR, EPEAT Silver
Ethernet LAN *	✓	Weight & dimensions	
Ethernet LAN data rates	10,100,1000 Mbit/s	Width *	155 mm
Cabling technology	10/100/1000Base-T(X)	Depth *	296 mm
LAN controller	Intel WGI219V	Height *	347 mm
Wi-Fi *	✓	Weight *	6 kg
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Packaging content	
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Mouse included	✓
Antenna type	2x2	Mouse connectivity	Wired
Bluetooth	✓	Keyboard included	✓
Bluetooth version	5.4	Keyboard connectivity	Wired
Ports & interfaces		Display	
USB 2.0 ports quantity *	4	Display included *	✗
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		



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Publication date: 11-APR-2025. Prints or copies of Information are only valid on the printed Publication date