

ASUS V500 Mini Tower V500MV-13620H015W Intel® Core™ i7 i7-13620H 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Home PC Grey

Brand : ASUS

Product family: V500 Mini Tower

Product code: 90PF05R2-M003V0

Product name :
V500MV-13620H015W



- Powered by an Intel Core i7 processor and 16 GB DDR5 RAM
 - ASUS exclusive thermal solutions with near-silent operation
 - Versatile connectivity for data transfer and external device connection
- Intel Core i7-13620H (24MB Cache), 16GB 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		Network	
Processor manufacturer *	Intel	Bluetooth version	5.4
Processor family *	Intel® Core™ i7	Ports & interfaces	
Processor generation	13th gen Intel® Core™ i7	USB 2.0 ports quantity *	4
Processor model *	i7-13620H	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor cores	10	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor threads	16	HDMI ports quantity *	1
Processor boost frequency	4.9 GHz	HDMI version	1.4
Performance cores	6	DisplayPorts quantity	1
Efficient cores	4	DisplayPort version	1.4
Performance-core Max Turbo Frequency	4.9 GHz	Ethernet LAN (RJ-45) ports	1
Efficient-core Max Turbo Frequency	3.6 GHz	Combo headphone/mic port	✓
Processor cache	24 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 SATA III connectors	2
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	Grey
Memory slots	2x SO-DIMM	Volume	15 L
Memory clock speed	5600 MHz	Number of 3.5" bays	1
Storage		Cable lock slot	✓
Total storage capacity *	512 GB	Cable lock slot type	Kensington
Storage media *	SSD	Product colour *	Grey
Optical drive type *	✗	Introduction year	2025
Total SSDs capacity	512 GB		

Storage		Performance	
Number of SSDs installed	1	Market positioning	Everyday
SSD capacity	512 GB	Audio system	High Definition Audio
SSD interface	PCI Express 4.0	Audio output channels	7.1 channels
NVMe	✓	Password protection	✓
SSD form factor	M.2	Password protection type	HDD, User
M.2 SSD size	2280 (22 x 80 mm)	Product type *	PC
Card reader integrated	✓	Software	
Compatible memory cards	MMC, SD	Operating system installed *	Windows 11 Home
Graphics		Operating system architecture	64-bit
Discrete graphics card *	✗	Trial software	1-month trial for new Microsoft 365 customers
On-board graphics card *	✓	Power	
Discrete graphics card model *	Not available	Power supply *	180 W
On-board GPU manufacturer	Intel	80 PLUS certification	80 PLUS Bronze
On-board graphics card family	Intel® UHD Graphics	Certificates	
On-board graphics card model *	Intel® UHD Graphics	Compliance certificates	REACH
Network		Sustainability	
Ethernet LAN *	✓	Sustainability certificates	ENERGY STAR, EPEAT Silver
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight & dimensions	
Cabling technology	10/100/1000Base-T(X)	Width *	155 mm
LAN controller	Intel WGI219V	Depth *	296 mm
Wi-Fi *	✓	Height *	347 mm
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Weight *	6 kg
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Display	
Antenna type	2x2	Display included *	✗
Bluetooth	✓		



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