

ASUS ExpertCenter P500 SFF P500SV-13620H009X Intel® Core™ i7 i7-13620H 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro PC Grey



Brand : ASUS

Product family: ExpertCenter

Product code: 90PF05A1-M007B0

Product name :
P500SV-13620H009X

- Windows 11 Pro 64-bit
- Intel Core i7-13620H (24MB Cache)
- 16GB DDR5-SDRAM & 512GB SSD

Intel Core i7-13620H (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, Intel UHD Graphics, LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

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ASUS ExpertCenter P500 SFF

Exceptional Value and Performance for Businesses

ASUS ExpertCenter P500 SFF combines high-performance, business-grade security, and commercial-class services features in a compact and sleek design, providing budget-conscious small and medium business users with a flexible and organized workspace. Designed to withstand tough conditions and meet MIL-STD-810H US military standards¹, it features a tool-free and expandable chassis, ensuring prolonged reliability and convenient upgrades for professionals.

Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor family *	Intel® Core™ i7	HDMI ports quantity *	1
Processor generation	13th gen Intel® Core™ i7	HDMI version	1.4
Processor model *	i7-13620H	DisplayPorts quantity	1
Processor cores	10	DisplayPort version	1.4
Processor threads	16	Ethernet LAN (RJ-45) ports	1
Processor boost frequency	4.9 GHz	Microphone in	✓
Performance cores	6	Line-out	✓
Efficient cores	4	Line-in	✓
Performance-core Max Turbo Frequency	4.9 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	3.6 GHz	Expansion slots	
Processor cache	24 MB	PCI Express x16 (Gen 4.x) slots	1
Processor cache type	Smart Cache	Design	
Processor base power	45 W	Chassis type *	SFF
Maximum turbo power	115 W	Colour name	Gray
Memory		Placement supported	Vertical
Internal memory *	16 GB	Number of 3.5" bays	1
Maximum internal memory *	64 GB	Cable lock slot	✓
Internal memory type	DDR5-SDRAM	Cable lock slot type	Kensington
Memory slots	2x SO-DIMM	Product colour *	Grey
Storage		Performance	
Total storage capacity *	512 GB	Market positioning	Business
Storage media *	SSD	Audio output channels	7.1 channels
Optical drive type *	✗	Password protection	✓
Total SSDs capacity	512 GB	Password protection type	User, HDD
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	512 GB	Product type *	PC
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM) version	2.0
NVMe	✓		
SSD form factor	M.2		

Storage		Software	
M.2 SSD size	2280 (22 x 80 mm)	Operating system architecture	64-bit
Graphics		Operating system installed *	Windows 11 Pro
Discrete graphics card *	✗	Trial software	Microsoft 365 (30-day trial)
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	Weight & dimensions	
On-board graphics card model *	Intel® UHD Graphics	Width *	93 mm
Network		Depth *	296 mm
Ethernet LAN *	✓	Height *	309 mm
Ethernet LAN data rates	1000 Mbit/s	Weight *	5.06 kg
Wi-Fi *	✓	Packaging data	
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Package width	490 mm
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Package depth	168 mm
Antenna type	2x2	Package height	510 mm
Bluetooth	✓	Package weight	5.31 kg
Bluetooth version	5.4	Packaging content	
Ports & interfaces		Mouse included	✗
USB 2.0 ports quantity *	4	Keyboard included	✗
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Display	
		Display included *	✗
		Audio	
		Audio system	High Definition Audio



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