

ASUS ExpertCenter P500 SFF P500SV-07240H013X Intel Core 7 240H 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro PC Grey



Brand : ASUS

Product family: ExpertCenter

Product code: 90PF05A1-M013Y0

Product name :
P500SV-07240H013X

- Windows 11 Pro 64-bit
 - Intel Core 7 240H (24MB Cache)
 - 16GB DDR5-SDRAM (1 x 16) & 512GB SSD
 Intel Core 7 240H (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, Intel Graphics, LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

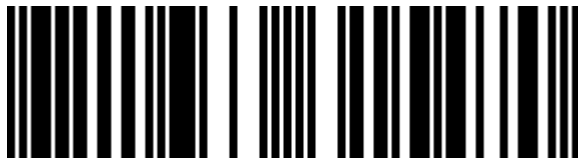
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Exceptional Value and Performance for Businesses

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		Network	
Processor manufacturer *	Intel	Antenna type	2x2
Processor family *	Intel Core 7	Bluetooth	✓
Processor generation	Intel Core (Series 2)	Bluetooth version	5.4
Processor model *	240H	Ports & interfaces	
Processor cores	10	USB 2.0 ports quantity *	4
Processor threads	16	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor boost frequency	5.2 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Performance cores	6	DisplayPorts quantity	1
Efficient cores	4	DisplayPort version	1.4
Performance-core Max Turbo Frequency	5.2 GHz	HDMI ports quantity *	1
Efficient-core Max Turbo Frequency	4 GHz	HDMI version	1.4
Performance-core base frequency	2.5 GHz	Ethernet LAN (RJ-45) ports	1
Efficient-core base frequency	1.8 GHz	Combo headphone/mic port	✓
Processor cache	24 MB	Line-out	✓
Processor cache type	Smart Cache	Line-in	✓
Processor base power	45 W	Number of rear USB ports	4
Maximum turbo power	115 W	Number of front USB ports	3
Memory		Number of front audio ports	1
Internal memory *	16 GB	Number of rear audio ports	3
Maximum internal memory *	64 GB	Number of SATA III connectors	2
Internal memory type	DDR5-SDRAM	Expansion slots	
Memory layout (slots x size)	1 x 16 GB	Number of 3.5" bays	1
Memory slots	2x DIMM	PCI Express x16 (Gen 4.x) slots	1
Storage		Power	
Total storage capacity *	512 GB	Power supply *	180 W
Storage media *	SSD	Power supply input voltage	100 - 240 V
Optical drive type *	✗	Power supply input frequency	50 - 60 Hz
Total SSDs capacity	512 GB	80 PLUS certification	80 PLUS Bronze
Number of SSDs installed	1	Design	
SSD capacity	512 GB	Chassis type *	SFF
SSD interface	PCI Express 4.0		
NVMe	✓		

Storage		Design	
SSD form factor	M.2	Colour name	Grey
M.2 SSD size	2280 (22 x 80 mm)	Cable lock slot	✓
Graphics		Cable lock slot type	Kensington
Discrete graphics card *	✗	Product colour *	Grey
On-board graphics card *	✓	Introduction year	2025
Discrete graphics card model *	Not available	Software	
On-board GPU manufacturer	Intel	Operating system architecture	64-bit
On-board graphics card family	Intel® Graphics	Operating system installed *	Windows 11 Pro
On-board graphics card model *	Intel® Graphics	Display	
Performance		Display included *	✗
Market positioning	Business	Audio	
Password protection	✓	Audio system	High Definition Audio
Password protection type	HDD, User	Weight & dimensions	
Trusted Platform Module (TPM)	✓	Width *	93 mm
Product type *	PC	Depth *	296 mm
Trusted Platform Module (TPM) version	2.0	Height *	309 mm
Audio output channels	7.1 channels	Weight *	5.06 kg
Network		Packaging data	
Ethernet LAN *	✓	Package width	490 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Package depth	168 mm
Cabling technology	10/100/1000Base-T(X)	Package height	510 mm
Wi-Fi *	✓	Packaging content	
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Mouse included	✗
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Keyboard included	✗
		Certificates	
		Compliance certificates	REACH
		Sustainability	
		Sustainability certificates	ENERGY STAR, EPEAT Silver



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