

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

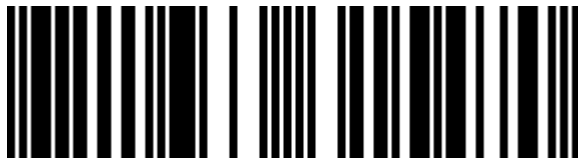
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Exceptional Value and Performance for Businesses

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		Ports & interfaces	
Processor manufacturer *	Intel	HDMI version	1.4
Processor family *	Intel Core 7	DisplayPorts quantity	1
Processor generation	Intel Core (Series 2)	DisplayPort version	1.4
Processor model *	240H	Ethernet LAN (RJ-45) ports	1
Processor cores	10	Line-out	✓
Processor threads	16	Line-in	✓
Processor boost frequency	5.2 GHz	Combo headphone/mic port	✓
Performance cores	6	Number of rear USB ports	4
Efficient cores	4	Number of front USB ports	3
Performance-core Max Turbo Frequency	5.2 GHz	Number of front audio ports	1
Efficient-core Max Turbo Frequency	4 GHz	Number of rear audio ports	3
Performance-core base frequency	2.5 GHz	Number of SATA III connectors	2
Efficient-core base frequency	1.8 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	Grey
Memory		Number of 3.5" bays	1
Internal memory *	16 GB	Cable lock slot	✓
Maximum internal memory *	64 GB	Cable lock slot type	Kensington
Internal memory type	DDR5-SDRAM	Product colour *	Grey
Memory layout (slots x size)	1 x 16 GB	Introduction year	2025
Memory slots	2x DIMM	Performance	
Storage		Market positioning	Business
Total storage capacity *	512 GB	Audio output channels	7.1 channels
Storage media *	SSD	Password protection	✓
Optical drive type *	✗	Password protection type	HDD, User
Total SSDs capacity	512 GB	Trusted Platform Module (TPM)	✓
Number of SSDs installed	1	Product type *	PC
SSD capacity	512 GB	Trusted Platform Module (TPM) version	2.0
SSD interface	PCI Express 4.0		
NVMe	✓		

Storage		Software	
SSD form factor	M.2	Operating system architecture	64-bit
M.2 SSD size	2280 (22 x 80 mm)	Operating system installed *	Windows 11 Pro
Graphics		Power	
Discrete graphics card *	✗	Power supply *	180 W
On-board graphics card *	✓	Power supply input voltage	100 - 240 V
Discrete graphics card model *	Not available	Power supply input frequency	50 - 60 Hz
On-board GPU manufacturer	Intel	80 PLUS certification	80 PLUS Bronze
On-board graphics card family	Intel® Graphics	Certificates	
On-board graphics card model *	Intel® 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 *	93 mm
Wi-Fi *	✓	Depth *	296 mm
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Height *	309 mm
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Weight *	5.06 kg
Antenna type	2x2	Packaging data	
Bluetooth	✓	Package width	490 mm
Bluetooth version	5.4	Package depth	168 mm
Ports & interfaces		Package height	510 mm
USB 2.0 ports quantity *	4	Packaging content	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Mouse included	✗
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Keyboard included	✗
HDMI ports quantity *	1	Display	
		Display included *	✗
		Audio	
		Audio system	High Definition Audio



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