

ASUS ExpertCenter P500 SFF P500SV-05210H006X Intel Core 5 210H 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro PC Grey

Brand : ASUS

Product family: ExpertCenter

Product code: 90PF05A1-M00L90

Product name :
P500SV-05210H006X

- Windows 11 Pro 64-bit
- Intel Core 5 210H (12MB Cache)

- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD

Intel Core 5 210H (12MB 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	Bluetooth version	5.4
Processor family *	Intel Core 5	Ports & interfaces	
Processor generation	Intel Core (Series 2)	USB 2.0 ports quantity *	4
Processor model *	210H	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor cores	8	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor threads	12	DisplayPorts quantity	1
Processor boost frequency	4.8 GHz	DisplayPort version	1.4
Performance cores	4	HDMI ports quantity *	1
Efficient cores	4	HDMI version	1.4
Efficient-core Max Turbo Frequency	3.6 GHz	Ethernet LAN (RJ-45) ports	1
Processor cache	12 MB	Combo headphone/mic port	✓
Processor cache type	Smart Cache	Line-out	✓
Processor base power	45 W	Line-in	✓
Maximum turbo power	115 W	Number of SATA III connectors	2
Memory		Expansion slots	
Internal memory *	16 GB	Number of 3.5" bays	1
Maximum internal memory *	64 GB	PCI Express x16 (Gen 4.x) slots	1
Internal memory type	DDR5-SDRAM	Power	
Memory layout (slots x size)	1 x 16 GB	Power supply *	180 W
Memory slots	2x DIMM	Power supply input voltage	100 - 240 V
Storage		Power supply input frequency	50 - 60 Hz
Total storage capacity *	512 GB	80 PLUS certification	80 PLUS Bronze
Storage media *	SSD	Design	
Optical drive type *	✗	Chassis type *	SFF
Total SSDs capacity	512 GB	Colour name	Grey
Number of SSDs installed	1		
SSD capacity	512 GB		
SSD interface	PCI Express 4.0		

Storage		Design	
NVMe	✓	Cable lock slot	✓
SSD form factor	M.2	Cable lock slot type	Kensington
Graphics		Product colour *	Grey
Discrete graphics card *	✗	Introduction year	2025
On-board graphics card *	✓	Software	
Discrete graphics card model *	Not available	Operating system architecture	64-bit
On-board GPU manufacturer	Intel	Operating system installed *	Windows 11 Pro
On-board graphics card family	Intel® Graphics	Display	
On-board graphics card model *	Intel® Graphics	Display included *	✗
Performance		Audio	
Market positioning	Business	Audio system	High Definition Audio
Password protection	✓	Weight & dimensions	
Password protection type	HDD, User	Width *	93 mm
Trusted Platform Module (TPM)	✓	Depth *	296 mm
Product type *	PC	Height *	309 mm
Audio output channels	7.1 channels	Weight *	5.06 kg
Network		Packaging content	
Ethernet LAN *	✓	Mouse included	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Mouse connectivity	Wired
Cabling technology	10/100/1000Base-T(X)	Keyboard included	✓
Wi-Fi *	✓	Certificates	
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Compliance certificates	REACH
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Sustainability	
Antenna type	2x2	Sustainability certificates	ENERGY STAR, EPEAT Silver
Bluetooth	✓	Keyboard	
		Keyboard connectivity	Wired



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