

ASUS ExpertCenter P500 SFF P500SV-05210H009X Intel Core 5 210H 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro PC Grey



Brand : ASUS

Product family: ExpertCenter

Product code: 90PF05A1-M00M50

Product name :
P500SV-05210H009X

- Windows 11 Pro - ASUS recommends Windows 11 Pro for business
 - Intel® Core™ processor
 - Dual-channel DDR5 memory
 - ASUS AI ExpertMeet – on-device AI assistant that elevates meeting experiences
 - ASUS ExpertGuardian business-grade security
 - Durability-tested to MIL-STD 810H military-grade standard and ASUS in-house testing
- 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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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		Network	
Processor manufacturer *	Intel	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Processor family *	Intel Core 5	Antenna type	2x2
Processor generation	Intel Core (Series 2)	Bluetooth	✓
Processor model *	210H	Bluetooth version	5.4
Processor cores	8	Ports & interfaces	
Processor threads	12	USB 2.0 ports quantity *	4
Processor boost frequency	4.8 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Performance cores	4	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Efficient cores	4	DisplayPorts quantity	1
Efficient-core Max Turbo Frequency	3.6 GHz	DisplayPort version	1.4
Performance-core base frequency	2.2 GHz	HDMI ports quantity *	1
Efficient-core base frequency	1.6 GHz	HDMI version	1.4
Processor cache	12 MB	Ethernet LAN (RJ-45) ports	1
Processor cache type	Smart Cache	Combo headphone/mic port	✓
Processor base power	45 W	Line-out	✓
Maximum turbo power	115 W	Line-in	✓
Memory		Microphone in	✓
Internal memory *	16 GB	Number of SATA III connectors	2
Maximum internal memory *	64 GB	Expansion slots	
Internal memory type	DDR5-SDRAM	Number of 3.5" bays	1
Memory slots	2x SO-DIMM	PCI Express x16 (Gen 4.x) slots	1
Memory data transfer rate	5600 MT/s	Power	
Storage		Power supply *	180 W
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	Gray
Number of SSDs installed	1		
SSD capacity	512 GB		
SSD interface	PCI Express 4.0		

Storage		Design	
NVMe	✓	Volume	8.6 L
SSD form factor	M.2	Placement supported	Vertical
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 *	✓	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	Trial software	1-month trial for new Microsoft 365 customers. Credit card required. McAfee® 1 years
On-board graphics card model *	Intel® Graphics		1-month Adobe Creative Cloud Hard Bundle *Terms and exclusions apply. Offer only available in eligible markets. Eligible markets are determined at activation, and varies by region, device, and time.
Performance			
Market positioning	Business	Bundled software	
Password protection	✓		
Password protection type	User, HDD		
Trusted Platform Module (TPM)	✓		
Product type *	PC		
Trusted Platform Module (TPM) version	2.0		
Audio output channels	7.1 channels		
Network		Display	
Ethernet LAN *	✓	Display included *	✗
Ethernet LAN data rates	1000 Mbit/s	Audio	
LAN controller	Intel WGI219V	Audio system	High Definition Audio
Wi-Fi *	✓	Weight & dimensions	
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Width *	93 mm
		Depth *	296 mm
		Height *	309 mm
		Weight *	5.06 kg
		Packaging content	
		Mouse included	✗
		Keyboard included	✗
		Certificates	
		Compliance certificates	REACH
		Sustainability	
		Sustainability certificates	EPEAT Silver, ENERGY STAR



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Catalog Object Cloud



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