

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		Ports & interfaces	
Processor manufacturer *	Intel	HDMI ports quantity *	1
Processor family *	Intel Core 5	HDMI version	1.4
Processor generation	Intel Core (Series 2)	DisplayPorts quantity	1
Processor model *	210H	DisplayPort version	1.4
Processor cores	8	Ethernet LAN (RJ-45) ports	1
Processor threads	12	Microphone in	✓
Processor boost frequency	4.8 GHz	Line-out	✓
Performance cores	4	Line-in	✓
Efficient cores	4	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	3.6 GHz	Number of SATA III connectors	2
Performance-core base frequency	2.2 GHz	Expansion slots	
Efficient-core base frequency	1.6 GHz	PCI Express x16 (Gen 4.x) slots	1
Processor cache	12 MB	Design	
Processor cache type	Smart Cache	Chassis type *	SFF
Processor base power	45 W	Colour name	Gray
Maximum turbo power	115 W	Volume	8.6 L
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
Memory data transfer rate	5600 MT/s	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	User, HDD
Total SSDs capacity	512 GB	Trusted Platform Module (TPM)	✓
Number of SSDs installed	1	Product type *	PC
SSD capacity	512 GB		
SSD interface	PCI Express 4.0		

Storage		Performance	
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Software Operating system architecture64-bit Operating system installed *Windows 11 Pro Trial software1-month trial for new Microsoft 365 customers. Credit card required. McAfee® 1 years Bundled software1-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.	
M.2 SSD size	2280 (22 x 80 mm)		
Graphics			
Discrete graphics card *	✗		
On-board graphics card *	✓		
Discrete graphics card model *	Not available		
On-board GPU manufacturer	Intel		
On-board graphics card family	Intel® Graphics		
On-board graphics card model *	Intel® Graphics		
Network			
Ethernet LAN *	✓	Power	
Ethernet LAN data rates	1000 Mbit/s	Power supply *	180 W
LAN controller	Intel WGI219V	80 PLUS certification	80 PLUS Bronze
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	EPEAT Silver, ENERGY STAR
Bluetooth	✓	Weight & dimensions	
Bluetooth version	5.4	Width *	93 mm
Ports & interfaces		Depth *	296 mm
USB 2.0 ports quantity *	4	Height *	309 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Weight *	5.06 kg
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Packaging content	
		Mouse included	✗
		Keyboard included	✗
		Display	
		Display included *	✗
		Audio	
		Audio system	High Definition Audio



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Catalog Object Cloud



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