

ASUS ExpertCenter P500 SFF P500SV-07240H027X Intel Core 7 240H 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro PC Grey

Brand : ASUS

Product family: ExpertCenter

Product code: 90PF05A1-M011T0

Product name :
P500SV-07240H027X

- Windows 11 Pro - ASUS recommends Windows 11 Pro for business
 - Intel Core 7 240H processor
 - 16 GB dual-channel DDR5 memory
 - 512 GB PCIe 4.0 SSD
 - 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 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	Bluetooth version	5.4
Processor family *	Intel Core 7	Ports & interfaces	
Processor generation	Intel Core (Series 2)	USB 2.0 ports quantity *	4
Processor model *	240H	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor cores	10	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor threads	16	DisplayPorts quantity	1
Processor boost frequency	5.2 GHz	DisplayPort version	1.4
Performance cores	6	HDMI ports quantity *	1
Efficient cores	4	HDMI version	1.4
Efficient-core Max Turbo Frequency	4 GHz	Ethernet LAN (RJ-45) ports	1
Processor cache	24 MB	Combo headphone/mic port	✓
Processor cache type	Smart Cache	Line-out	✓
Processor socket	BGA 1744	Line-in	✓
Processor base power	45 W	Number of SATA III connectors	2
Maximum turbo power	115 W	Expansion slots	
Memory		Number of 3.5" bays	1
Internal memory *	16 GB	PCI Express x16 (Gen 4.x) slots	1
Maximum internal memory *	64 GB	Power	
Internal memory type	DDR5-SDRAM	Power supply *	180 W
Memory layout (slots x size)	1 x 16 GB	Power supply input voltage	100 - 240 V
Memory slots	2x SO-DIMM	Power supply input frequency	50 - 60 Hz
Storage		80 PLUS certification	80 PLUS Bronze
Total storage capacity *	512 GB	Design	
Storage media *	SSD	Chassis type *	SFF
Optical drive type *	✗	Colour name	Grey
Total SSDs capacity	512 GB		
Number of SSDs installed	1		
SSD capacity	512 GB		

Storage		Design	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Kensington
SSD form factor	M.2	Product colour *	Grey
Graphics		Introduction year	2025
Discrete graphics card *	✗	Software	
On-board graphics card *	✓	Operating system architecture	64-bit
Discrete graphics card model *	Not available	Operating system installed *	Windows 11 Pro
On-board GPU manufacturer	Intel	Trial software	1-month trial for new Microsoft 365 customers
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
Trusted Platform Module (TPM) version	2.0	Weight *	5.06 kg
Audio output channels	7.1 channels	Packaging content	
Network		Mouse included	✓
Ethernet LAN *	✓	Mouse connectivity	Wired
Ethernet LAN data rates	10,100,1000 Mbit/s	Keyboard included	✓
Cabling technology	10/100/1000Base-T(X)	Certificates	
Wi-Fi *	✓	Compliance certificates	REACH
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Sustainability	
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Sustainability certificates	ENERGY STAR, EPEAT Silver
Antenna type	2x2	Keyboard	
Bluetooth	✓	Keyboard connectivity	Wired
		Keyboard layout	QWERTY
		Keyboard language	UK English



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Catalog Object Cloud



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