

ASUS ExpertCenter P500 Intel® Core™ i5 i5-13420H 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Mini Tower PC Grey

Brand : ASUS

Product family: ExpertCenter

Product code: 90PF05I1-M014S0

Product name : ExpertCenter P500

Intel Core i5-13420H (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, DVD±RW, Intel UHD Graphics, LAN, WLAN, Bluetooth, Microsoft Windows 11 Pro 64-bit

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ASUS ExpertCenter P500 Mini Tower

Exceptional Value and Performance for Businesses

ASUS ExpertCenter P500 Mini Tower 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	USB 2.0 ports quantity *	4
Processor family *	Intel® Core™ i5	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor generation	13th gen Intel® Core™ i5	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor model *	i5-13420H	HDMI ports quantity *	1
Processor cores	8	HDMI version	1.4
Processor threads	12	DisplayPorts quantity	1
Processor boost frequency	4.6 GHz	DisplayPort version	1.4
Performance cores	4	Ethernet LAN (RJ-45) ports	1
Efficient cores	4	Microphone in	✓
Performance-core Max Turbo Frequency	4.6 GHz	Line-out	✓
Efficient-core Max Turbo Frequency	3.4 GHz	Line-in	✓
Processor cache	12 MB	Combo headphone/mic port	✓
Processor cache type	Smart Cache		
Processor base power	45 W		
Maximum turbo power	115 W		
Memory		Expansion slots	
Internal memory *	16 GB	PCI Express x16 (Gen 4.x) slots	1
Maximum internal memory *	64 GB		
Internal memory type	DDR5-SDRAM		
Memory slots	2x SO-DIMM		
Storage		Design	
Total storage capacity *	512 GB	Chassis type *	Mini Tower
		Colour name	Gray
		Number of 3.5" bays	1
		Cable lock slot	✓
		Cable lock slot type	Kensington
		Product colour *	Grey

Storage		Performance	
Storage media *	SSD	Market positioning	Business
Optical drive type *	DVD±RW	Audio system	High Definition Audio
Total SSDs capacity	512 GB	Audio output channels	7.1 channels
Number of SSDs installed	1	Password protection	✓
SSD capacity	512 GB	Password protection type	HDD, User
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Product type *	PC
M.2 SSD size	2280 (22 x 80 mm)	Software	
Card reader integrated	✓	Operating system installed *	Windows 11 Pro
Compatible memory cards	SD, MMC	Operating system architecture	64-bit
Graphics		Power	
Discrete graphics card *	✗	Power supply *	180 W
On-board graphics card *	✓	80 PLUS certification	80 PLUS Bronze
Discrete graphics card model *	Not available	Weight & dimensions	
On-board GPU manufacturer	Intel	Width *	155 mm
On-board graphics card family	Intel® UHD Graphics	Depth *	296 mm
On-board graphics card model *	Intel® UHD Graphics	Height *	347 mm
Network		Weight *	6 kg
Ethernet LAN *	✓	Packaging content	
Ethernet LAN data rates	1000 Mbit/s	Mouse included	✓
Wi-Fi *	✓	Mouse connectivity	Wired
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Keyboard included	✓
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Keyboard connectivity	Wired
Antenna type	1x1	Display	
Bluetooth	✓	Display included *	✗
Bluetooth version	5.4		

Catalog Object Cloud



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