

ASUS P500SV-C58512G0W

Asus ExpertCenter P500SV SFF PC, Core 5 210H 4.8GHz, 8GB RAM, 512GB SSD, Win 11 Home

Product Overview

Asus ExpertCenter P500SV SFF PC, Intel Core 5 210H Eight (8) Core Raptor Lake Turbo boost up to 4.8GHz 12MB L3 Cache Processor with Intel Graphics (4 performance Cores & 4 efficient), 8GB DDR5 Memory, 512GB M.2 PCI-e Solid State Drive, WiFi6, Bluetooth, Wired Keyboard & Mouse, Windows 11 Home 64bit, 180W Power Supply, 1x RJ45 Gigabit Ethernet, 1x HDMI1.4, 1x DisplayPort 1.4, 1x 7.1 channel Audio (Microphone / Line-Out / Line-In), 1x Kensington lock, 4x USB 2.0 Type-A, 1x 3.5mm Combo Audio jack (Front), 1x USB 3.2 Gen1 Type-C (Front), 2x USB 3.2 Gen 1 Type-A (Front). The ASUS ExpertCenter P500 SFF is a compact, business-focused desktop designed to deliver reliable performance in modern office environments.



Specifications

Overview Summary:

The ASUS ExpertCenter P500 SFF is a compact, business-focused desktop designed to deliver reliable performance in modern office environments. Powered by an Intel Core 5 210H processor, 8GB DDR5 memory, and a fast 512GB NVMe SSD, it handles everyday business tasks, multitasking, and productivity workflows efficiently while maintaining a space-saving footprint.

With WiFi 6 connectivity, multiple USB ports, HDMI and DisplayPort outputs, and Windows 11 Home, this system integrates

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easily into any workstation setup. Its small form factor design helps reduce desk clutter while still offering strong expandability for future upgrades. Ideal for professionals and businesses in South Africa seeking stable performance and modern connectivity, this PC is ready for immediate deployment. Buy now or shop now to upgrade your office computing setup.

Performance tier:Mid-range business desktop

Uses:Office productivity, business applications, accounting software, web browsing, video conferencing, document management, small business workstations

Overview:

ASUS ExpertCenter P500 SFF Business Desktop PC

The ASUS ExpertCenter P500 SFF is designed to deliver reliable business performance in a compact, space-saving form. Built for modern workplaces, it combines efficient processing power, strong security, and flexible expandability to support daily operations with ease. Its small form factor helps keep workspaces organized while still providing the capability needed for multitasking, office applications, and professional workloads. Engineered to meet demanding durability standards, it offers long-term dependability for businesses of all sizes.

Description:

The ASUS ExpertCenter P500 SFF (Part Number: ASUS P500SV-C58512G0W) is a compact desktop PC built for productivity and efficiency in professional environments. Powered by an Intel Core 5 processor with 8 cores and turbo speeds up to 4.8GHz, it delivers smooth multitasking performance. With fast DDR5 memory, high-speed NVMe SSD storage, and WiFi 6 connectivity, it ensures responsive computing and reliable networking. Its quiet operation, advanced cooling, and business-grade security features make it ideal for offices that demand consistent performance and data protection.

Features:

Performance for Everyday Business Tasks

At the core of this system is the Intel Core 5 210H processor, designed to handle demanding workloads while maintaining efficiency. Whether managing spreadsheets, running multiple applications, or handling cloud-based tools, the system keeps everything responsive and fluid. The inclusion of DDR5 memory ensures faster data handling, while the PCIe SSD reduces load times and improves overall system speed.

This configuration is ideal for professionals who need dependable computing without unnecessary complexity, making it well-suited for administrative work, remote collaboration, and general office productivity.

Efficient Cooling and Quiet Operation

The advanced thermal design uses a compact air cooling system with optimized airflow to maintain stable temperatures. Heat is efficiently transferred away from key components, allowing the system to sustain performance even during extended use.

Noise levels remain impressively low, making it suitable for quiet office environments where focus is essential. The system runs quietly in the background, helping maintain a distraction-free workspace.

Compact Design That Maximizes Workspace

The small form factor chassis is built to save space without compromising usability. Its streamlined design fits neatly into modern office setups, whether placed on or under a desk.

The tool-free design also allows for easier upgrades, ensuring the system can adapt as business needs grow. This flexibility makes it a practical long-term investment for evolving work environments.

Connectivity for Modern Work Environments

A wide range of ports ensures compatibility with essential peripherals, displays, and accessories. Front-facing ports provide

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convenient access, while rear connections support more permanent setups.

Key connectivity includes:

- HDMI and DisplayPort outputs for dual display setups
- Multiple USB ports for peripherals and storage devices
- Gigabit Ethernet for stable wired networking
- WiFi 6 and Bluetooth for fast wireless connectivity
- Audio ports supporting 7.1 channel output

This versatile connectivity ensures seamless integration into any office setup.

Enhanced Productivity with Smart Features:

Built with modern workflows in mind, the system supports intelligent tools that enhance collaboration and efficiency. AI-assisted meeting tools help streamline communication, while built-in capabilities improve multitasking and workflow management.

The inclusion of Windows 11 ensures access to the latest productivity features, security updates, and a user-friendly interface optimized for business use.

Business-Level Security and Reliability

Security is a core focus, with integrated protections designed to safeguard sensitive data. Hardware-based encryption and secure authentication help prevent unauthorized access, while firmware-level protections add another layer of defense.

The system is also tested against rigorous durability standards, ensuring it can handle everyday office conditions without compromising performance.

Key Technical Details

- Part Number / SKU: ASUS P500SV-C58512G0W
- Processor: Intel Core 5 210H (8 cores, up to 4.8GHz)
- Memory: 8GB DDR5 (expandable up to 64GB)
- Storage: 512GB M.2 PCIe NVMe SSD
- Graphics: Integrated Intel Graphics
- Operating System: Windows 11 Home 64-bit
- Connectivity: WiFi 6, Bluetooth 5.4, Gigabit Ethernet
- Ports: USB 2.0, USB 3.2 Type-A and Type-C, HDMI, DisplayPort, audio jacks
- Audio: 7.1 channel high-definition audio
- Power Supply: 180W
- Form Factor: Small Form Factor (SFF)
- Weight: Approx. 5.06 kg

Why Choose This Desktop

The ASUS ExpertCenter P500 SFF strikes a strong balance between performance, size, and efficiency. It is built for businesses that need dependable computing in a compact design, offering the flexibility to scale and the reliability to handle daily workloads without interruption.

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Specifications

Product Code	ASUS P500SV-C58512G0W
Model	P500SV /9OPFO5A1-MO1640
Size	8.6L
Color	Gray
Form Factor	Small form factor
Operating System	Windows 11 Home - ASUS recommends Windows 11 Pro for business
Office	1-month trial for new Microsoft 365 customers. Credit card required.
Processor	Intel Core 5 Processor 210H 2.2 GHz (12MB Cache, up to 4.8 GHz, 8 Cores, 12 Threads)
CPU Cooler	Air Cooler
DIMM Memory	8GB DDR5 SO-DIMM
Memory Speed	Memory speed is 5600 MT/S, but run at 4800-5200 MT/S.
Memory Max.	64GB
Integrated GPU	Intel Graphics
Storage	512GB M.2 2280 NVMe PCIe 4.0 SSD
Optical Drive	Without optical drive
LAN	Intel WGI219V 10/100/1000 Mbps, non-vPro
Audio	High Definition 7.1 Channel Audio
Wireless	Wi-Fi 6(802.11ax) (Dual band) 1*1 + Bluetooth 5.4 Wireless Card
Power Supply	180W power supply (80+ Bronze, peak 228W)
Rear I/O Port	1x RJ45 Gigabit Ethernet
	1x HDMI1.4
	1x Displayport 1.4
	1x 7.1 channel audio (microphone,line-out, Line-in)
	1x Kensington lock
	4x USB 2.0 Type-A
Front I/O Port	1x 3.5mm combo audio jack
	1x USB 3.2 Gen1 Type-C
	2x USB 3.2 Gen 1 Type-A
Drive Bay	3.5" x1
Serial ATA	2x SATA 6.0Gb/s ports

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Expansion Slot(includes used)	1x PCIe 4.0 x 16 (operating at PCIe 4.0 x8)
	1x M.2 connectorforWiFi
	2x M.2 2280 connector for storage
	2x DDR5 SO-DIMM slot
Keyboard & Mouse	Wired keyboard (USB)
	Wired optical mouse (USB)
Keyboard language	English International
Accessory	3.5" HDD assembly kit
Dimension (WxDxH)	09.30 x 29.60 x 30.90 cm (3.66" x 11.65" x 12.17")
Weight	05.06kg(11.16lbs)
My ASUS features	System diagnosis
	Fan profile
	AppDeals
MyExpert Features	N/A
Security	Discrete Trusted Platform Module (TPM) 2.0
	HDD User Password Protection and Security
	Kensington Security Slot(7x 3mm)
Antivirus	McAfee 1 years
Ecolabels & Comphances.	EPEAT Silver
	Energy star 9.0
	REACH
	RoHS

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/ASUS-P500SV-C58512G0W-Asus-ExpertCenter-P500SV-SFF-Buy-p-336711.php>

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