ComX Computers
Product Specification Sheet

P1403CVAY-C58512G0W

Asus ExpertBook P1 P1403CVAY Core 2 Notebook Core 5 210H 4.8Ghz 8GB 512GB 14" FULL HD Intel Graphics BT Win 11 Home

Product Overview

Asus ExpertBook P1 P1403CVAY Series Core Series 2 P1403CVAY-C58512G0W Grey Notebook, Intel Core 5 210H Series 2 Eight (8) Core Raptor Lake Turbo Boost up to 4.8Ghz 12MB L3 Cache Processor (4 Perfomance Cores & 4 Efficient Cores), 8192MB (8GB) DDR4-2666 SO-Dimm Memory (1x8192), Supports 64GB Max Mem, 2 Memory slots, 512GB SSD Solid State Hard Drive PCIe, M.2 2230 slot + M.2 2280 Slot, NO optical drive (No CD), 14" FULL HD (1920 x 1080 resolution) Non Gloss Type 300nits LED Backlit Display, Intel Graphics, 802.11ax Wi-Fi 6, 10/100/1000 Gigabit Ethernet LAN, Bluetooth, Webcam, 3 Cell Battery, Fingerprint Reader, 2x USB 3.2 Gen 1 Type-A, 2x USB 3.2 Gen 2 Type-C support display / power delivery, HDMI output, 1.5 kg, Microsoft Windows 11 Home 64 bit, 1 Year Carry in warranty











Specifications

Summary Overview:

Upgrade your professional workflow with the ASUS ExpertBook P1 (P1403CVAY) now available at our online store. This sleek, 14-inch business notebook combines powerful Intel Core 5 performance with essential durability features like military-grade certification and top-tier security. Perfect for South African professionals seeking reliability, it includes a vibrant FHD display, ample storage, and long battery life to keep you productive anywhere.

Don't miss out on this premium computing solution designed to elevate your daily tasks. Secure yours today by clicking the buy now button to enjoy seamless performance and enhanced connectivity features tailored for modern business needs.

Laptop performance tier: Mid-range Business

Uses: Office productivity, remote conferencing, data analysis, web browsing, document editing

Overview:

The ASUS ExpertBook P1 (Model: ASUS P1403CVAY-C58512G0W) represents a blend of professional reliability and modern efficiency, designed specifically for the demands of today's mobile workforce. This 14-inch notebook delivers robust performance through its Intel Core 5 210H processor, featuring eight cores that combine high-performance and efficient cores to handle multitasking with ease while boosting speeds up to 4.8 GHz when needed. Paired with 8GB of DDR4-2666 memory and a fast 512GB PCIe SSD, this machine ensures quick boot times and smooth application loading for business-critical tasks.

Description

This professional-grade notebook offers a perfect balance of power and portability for the modern user. Key benefits include an intelligent AI-driven meeting assistant that translates languages and summarizes discussions in real-time, ensuring clear communication across borders. The device boasts military-grade durability tested to withstand drops and extreme temperatures, making it ideal for fieldwork or travel. Enhanced security features like a built-in fingerprint reader, TPM 2.0 chip, and webcam shield protect sensitive business data from unauthorized access. With a lightweight chassis weighing just over 1.4 kg, an anti-glare Full HD display, and comprehensive connectivity options including USB-C power delivery, this laptop is your reliable partner for productivity on the go.

The ASUS ExpertBook P1 series is engineered to elevate efficiency wherever you work. Its compact and elegant design weighs a mere 1.45 kg with a sleek Misty Grey finish that stands out in any professional setting. The system leverages AI-enhanced tools like ASUS AI ExpertMeet to bridge communication barriers, offering features such as automatic translation, speaker identification, and meeting summaries. Whether you are managing remote teams or attending international conferences, this laptop ensures your workflow remains uninterrupted and seamless.

Performance is at the heart of the design, driven by the latest Intel Core 5 series architecture. The processor integrates four performance cores and four efficient cores to optimize power usage without sacrificing speed. This allows for sustained

productivity during intensive tasks while maintaining battery life. The integrated Intel Graphics provide clear visual output for video conferencing and media consumption, supported by a crisp 14-inch Full HD display with anti-glare coating to reduce eye strain during long work sessions.

Features:

Key Technical Specifications

- Processor: Intel Core 5 210H (8 Cores, up to 4.8 GHz, 12MB Cache)
- Memory: 8GB DDR4-2666 SO-DIMM (Expandable to 64GB via two slots)
- Storage: 512GB M.2 PCIe SSD with support for dual drive expansion
- Display: 14-inch FHD (1920x1080) Non-Glossy LED Backlit, 300 nits brightness
- Battery: 3-cell Li-ion with up to 50Whr capacity and fast charging support
- Operating System: Microsoft Windows 11 Home (Single Language)

Mobility is enhanced by the ExpertCool thermal design, which directs heat away from the user's hands even when the laptop lid is closed. This ensures consistent performance during extended use without uncomfortable heating. The keyboard layout is optimized for comfort with full-sized keycaps and a strategically placed I/O port arrangement that keeps cords clear of your mouse movement area. A dedicated shortcut key further streamlines online meetings, allowing you to manage calls with a single press.

Security is paramount for business users, which is why this model comes equipped with robust protection measures. It includes a discrete TPM 2.0 chip that securely stores authentication data and supports Windows Secured-core compliance for on-by-default safety. Users can rely on biometric login via the fingerprint sensor integrated into the touchpad or use the physical webcam shield to ensure total privacy when not in use. Additionally, McAfee Smart AI protection helps mitigate cybersecurity threats and monitors personal data online.

Durability and Connectivity

Built to withstand the rigors of daily business travel, the ASUS ExpertBook P1 meets MIL-STD-810H military-grade standards for resilience against environmental extremes. The chassis is reinforced to handle shocks and vibrations, while durable hinges are designed to last through years of opening and closing. For connectivity, the laptop offers a comprehensive array of ports including two USB 3.2 Gen 2 Type-C slots that support display output and power delivery, two USB 3.2 Gen 1 Type-A ports for legacy devices, an HDMI port, Gigabit Ethernet, and a Kensington Nano lock slot.

The device also supports the latest wireless standards with Wi-Fi 6 (802.11ax) and Bluetooth 5.4, ensuring fast and stable connections in crowded networks. Audio quality is enhanced by AI-powered noise cancellation technology that filters out background distractions during calls, allowing your voice to be heard clearly. The system includes a built-in array microphone and stereo speakers powered by Dirac audio for an immersive experience.

Sustainability is another core value of this product line, with the notebook achieving EPEAT Gold certification and Energy Star 9.0 compliance. This commitment ensures that the device meets strict environmental standards throughout its lifecycle, helping to reduce electricity consumption and operating costs. The use of recycled materials in the chassis further underscores the dedication to a greener future.

What's in the box

- ASUS ExpertBook P1 14-inch Notebook
- 65W USB-C AC Adapter with power cord
- User Manual and Warranty Card

The ASUS ExpertBook P1 (Part Number: ASUS P1403CVAY-C58512G0W) is a versatile solution for professionals who require a dependable machine that combines high performance, security, and portability. With its advanced AI features, military-grade build quality, and extensive connectivity options, it stands ready to support your business needs from the office to the field.

Specifications:

Model	P1403CVAY / 90NX0871-M02MY0

Operating System	Windows 11 Home - ASUS recommends Windows 11 Pro for business
	* Windows 11 Home is available only as the Single Language edition. about Windows 11 Home Single language: https: / / support.microsoft.com / article / eaf060a6-3642-4612-6b75-b34e57a08abf
Office	1-month trial for new Microsoft 365 customers. Credit card required.
LCD cover-material	Plastic
LCD cover-color	Misty Grey
Top case-material	Plastic
Top case-color	Misty Grey
Bottom case-material	Plastic
Bottom case-color	Misty Grey
Military grade	US MIL-STD 810H military-grade standard
Panel Size	14.0-inch
Backlit	LED Backlit
Brightness	300nits
Resolution	FHD (1920 x 1080) 16:9
Glare	Anti-glare display
Color gamut	NTSC: 45%
View angle(H/V)	170/170
Response time(Typ/Max) (ms)	25/35
Refresh rate	60Hz
Contrast (Typ)	700:1
Touch Panel	Non-touch screen
Screen-to-body ratio	87 %
IPS-level	Wide view
Processor	Intel Core 5 Processor 210H 2.2 GHz (12MB Cache, up to 4.8 GHz, 8 Cores, 12 Threads)
Chipset	N/A
Discrete/Share	Share
Integrated GPU	Intel Graphics
VRAM	N/A
How to upgrade memory	Upgradable , Need to remove bottom/top case
Expansion Slot(includes used)	1x M.2 2280 PCIe 4.0x4
	1x M.2 2230 PCIe 4.0x4
	Please note the memory specs differ between the two projects by model name :
	Models ending in "CVA" : 2 x DDR5-5200MT/s (1 x M.2 2280 + 1 x M.2 2230)
	Models ending in "CVAY" : 2 x DDR4-2666MT/s (1 x M.2 2280 + 1 x M.2 2230)
DIMM Memory	8GB DDR4 SO-DIMM

Total System Memory	DDR4 8GB
Storage	512GB M.2 2280 NVMe PCIe 4.0 SSD
	SSD Housing for storage expansion
Front-facing camera	1080p FHD camera
	With privacy shutter
Wireless	Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth 5.4 Wireless Card
NumberPad	N/A
FingerPrint	FingerPrint
Keyboard type	Chiclet Keyboard
Keyboard language	English
I/O ports	2x USB 3.2 Gen 1 Type-A
	2x USB 3.2 Gen 2 Type-C support display / power delivery
	1x HDMI 1.4
	1x 3.5mm Combo Audio Jack
	1x RJ45 Gigabit Ethernet
Audio	Audio by Dirac
	Built-in speaker
	Built-in array microphone
Battery	50WHrs, 3S1P, 3-cell Li-ion
AC Adapter	TYPE-C, 65W AC Adapter, Output: 20V DC, 3.25A, 65W, Input: 100~240V AC 50/60Hz universal (Adapter+power cord)
Required charging power	Min: 55W
	Max: 90W
	*The indicated wattage is for demonstrating the system's support capability as required by EU regulations. For optimal system performance, please use the standard-wattage adapter or higher.
Dimension (WxHxD)	32.45 x 21.44 x 1.97 ~ 1.97 cm (12.78" x 8.44" x 0.78" ~ 0.78")
Starting Weight (with Battery)	1.45 kg (3.20 lbs)
Starting Weight (w/o Battery)	1.26 kg (2.78 lbs)
Security	Kensington Nano Security Slot (6x 2.5mm)
	Fingerprint sensor intergrated with Touchpad
	Trusted Platform Module (TPM) 2.0
	Support Absolute Persistence 2.0 (Computrace)
	HDD User Password Protection and Security
	BIOS Booting User Password Protection
	BIOS setup user password
Antivirus	McAfee 1 year

MyASUS feature	System diagnosis
	Battery health charging
	Fan Profile
	Splendid
	Tru2Life
	Function key lock
	AppDeals
	Link to MyASUS
MyExpert Features	N/A
Built-in Apps	AI ExpertMeet (AI features need devices with 12GB RAM or more) MyASUS
Reparability Index (for Belgium)	9.4
Reparability Index (for France)	9.1
Ecolabels & Compliances	EPEAT Gold with Climate+
	Energy star 9.0
	FSC Recycled
	REACH
	RoHS
	TCO Certified Generation 10

FAQ

Does this laptop support memory upgrades and what is the maximum capacity?

This ASUS ExpertBook P1 model comes with 8GB DDR4 RAM but supports upgrading up to a maximum of 64GB using its two available memory slots.

What specific ports are included for connectivity and video output?

The notebook features comprehensive connectivity including two USB Type-C ports that support display and power delivery, two USB Type-A ports, an HDMI port, a Gigabit Ethernet LAN port, and a combo audio jack.

Is the screen suitable for outdoor use or bright environments?

The 14-inch Full HD display is non-glossy with a brightness of 300 nits, which helps reduce glare for better visibility in various lighting conditions.

Does this model include AI tools for business meetings and video calls?

Yes, the system includes ASUS AI ExpertMeet features such as AI translation, speaker ID, and meeting summaries to enhance productivity during conferences.

What security measures are built into this notebook to protect data?

The device is equipped with a fingerprint reader for biometric login, a physical webcam shield for privacy, and a TPM 2.0 chip to secure business data and authentication information.

Product Information Online

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

Product page:
https://www.comx.co.za/Buy-Notebooks-Laptops-P1403CVAY-C58512G0W-Asus-ExpertBook-P1-P1403CVAY-Core-2-Notebook-lp-342103.php

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