ComX Computers
Product Specification Sheet

B1503CVA-C716512G0X

Asus ExpertBook B1 B1503CVA Core 2 Notebook Core 7 240H 5.2Ghz 16GB 512GB 15.6" FULL HD Intel Graphics BT Win 11 Pro

Product Overview

Asus ExpertBook B1 B1503CVA Series Core Series 2 ASUS B1503CVA-C716512G0X Grey Notebook, Intel Core 7 240H Series 2 Ten (10) Core Raptor Lake Turbo Boost up to 5.2Ghz 24MB L3 Cache Processor (6 Perfomance Cores & 4 Efficient Cores), 16GB DDR5-5600 SO-Dimm Memory (1x16GB), 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), 15.6" 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, Backlit Keyboard, Full Size Keyboard with Numpad, 2x USB 3.2 Gen 1 Type-A, 2x USB 3.2 Gen 2 Type-C support display / power delivery, HDMI output, 1.7 kg, Microsoft Windows 11 Professional 64 bit, 1 Year Carry in warranty











Specifications

Summary Overview:

The Asus ExpertBook B1 B1503CVA is a high-performance business laptop ideal for professionals in South Africa looking to enhance productivity. Powered by an Intel Core i7 processor with 16GB DDR5 memory and a 512GB SSD, it delivers smooth multitasking, fast data access, and reliable performance for everyday office tasks. Featuring a 15.6-inch Full HD anti-glare display, a backlit keyboard, and robust connectivity with USB-C, USB-A, HDMI, Wi-Fi 6, and Bluetooth, this laptop keeps you connected and efficient. Shop now to upgrade your business workflow with this lightweight, durable, and secure device.

Users of the Asus ExpertBook B1 series praise its responsiveness, lightweight design, and strong security features, making it popular among business executives, remote workers, and students requiring reliable laptops for work, study, and conferencing. Customers highlight the AI-powered noise cancellation and full I/O support as standout benefits for professional meetings and presentations.

Laptop performance tier: High-performance business tier

Uses: Business productivity, remote work, video conferencing, office applications, multitasking, study, professional presentations

Overview:

ASUS ExpertBook B1 B1503CVA Laptop - High Performance for Business

The ASUS ExpertBook B1 B1503CVA is a versatile and powerful notebook designed for professionals who demand efficiency, connectivity, and advanced AI tools. With a sleek grey design, this laptop combines a lightweight form factor with a robust Intel Core i7 240H Series processor, delivering smooth performance for multitasking and demanding applications. Its 15.6-inch Full HD display ensures crisp visuals, while the backlit keyboard and fingerprint reader enhance both usability and security.

Equipped with fast DDR5 memory and a high-speed SSD, the ExpertBook B1 handles large files and applications seamlessly. Whether you are in the office, working remotely, or on the go, this laptop provides reliable connectivity through Wi-Fi 6, Gigabit Ethernet, and multiple USB and HDMI ports. The combination of performance, security, and AI-enhanced productivity tools makes it an ideal choice for business users.

Features:

Connectivity Made Easy

This notebook comes with a full set of I/O ports for seamless integration with your devices:

- 2 x USB 3.2 Gen 2 Type-C supporting display and power delivery
- 2 x USB 3.2 Gen 1 Type-A
- HDMI output for external monitors

- Gigabit Ethernet for stable wired connections

These ports make it simple to connect peripherals, external displays, and networking hardware without additional adapters.

Performance That Keeps Up

Powered by the Intel Core i7 processor with 6 performance cores and 4 efficient cores, the ExpertBook B1 delivers a boost of up to 5.2 GHz for high-demand tasks. The laptop supports up to 64 GB of DDR5 memory and comes with a 512 GB PCIe SSD, offering both speed and storage flexibility. Intel Iris X Graphics ensures smooth visuals for work-related graphics and presentations.

Smart AI Tools for Productivity

The ASUS ExpertBook B1 integrates AI-driven tools to enhance collaboration and efficiency:

- AI ExpertMeet: Breaks down language barriers in international calls with AI translation and speaker ID recognition. It also generates meeting summaries and extracts key points for easy reference.
- Webcam Watermark: Display your professional information, such as name and company, during video calls to make a strong impression.
- Screen Watermark: Protect sensitive information during screen sharing. This feature ensures your content remains traceable and secure.
- AI Translated Subtitles: Supports translations in up to 8 languages including English, Chinese, French, German, Japanese, and more.
- Multiple Speakers Recognition: Identifies each speaker in a call, transcribes discussions, and generates concise summaries automatically.

Boost Productivity With Copilot and AI Noise Cancellation

The ExpertBook B1 integrates Copilot in Windows to streamline tasks and enhance workflow with AI support. Additionally, two-way AI noise-canceling technology ensures clear audio during conference calls, removing unwanted background noise for both the user and remote participants. These tools are particularly valuable for remote work and professional meetings.

Lightweight and Reliable for Daily Use

Weighing just 1.7 kg, the ASUS ExpertBook B1 combines portability with long-lasting battery life, making it ideal for working on the move. Its military-grade durability ensures it can withstand everyday challenges while maintaining performance. The 15.6-inch non-gloss Full HD display delivers sharp visuals, while integrated Intel graphics and audio enhancements provide a professional experience for multimedia and video conferencing.

The ASUS ExpertBook B1 B1503CVA is engineered to support business professionals with a combination of high performance, advanced AI capabilities, and flexible connectivity, ensuring you stay productive wherever your work takes you.

Specifications:

Model	B1503CVA / 90NX0801-M08270
Operating System	Windows 11 Pro
Office	1-month trial for new Microsoft 365 customers. Credit card required.
LCD cover-material	Plastic
LCD cover-color	Gentle Grey
Top case-material	Plastic
Top case-color	Gentle Grey
Bottom case-material	Plastic
Bottom case-color	Gentle Grey
Military grade	US MIL-STD 810H military-grade standard
Panel Size	15.6-inch
Backlit	LED Backlit

Brightness	300nits
Resolution	FHD (1920x1080) 16:9
Glare	Anti-glare display
Color gamut	NTSC: 45%
View angle(H/V)	170/170
Response time(Typ/Max) (ms)	20/25
Refresh rate	60Hz
Contrast (Typ)	800:1
Touch Panel	Non-touch screen
Screen-to-body ratio	87 %
IPS-level	Wide view
Processor	Intel Core 7 Processor 240H 2.5 GHz (24MB Cache, up to 5.2 GHz, 10 Cores, 16 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)	2x DDR5 SO-DIMM slots
	1x M.2 2230 PCIe 4.0 x4
	1x M.2 2280 PCIe 4.0 x4
DIMM Memory	16GB DDR5 SO-DIMM
Total System Memory	DDR5 16GB
Storage	512GB M.2 2280 NVMe PCIe4.0 SSD
	SSD Housing for storage expansion
Front-facing. camera	720p HD 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	Backlit Chiclet Keyboard with Num-key
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, up to 3840x2160p/30Hz
	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 Adapte'	TYPE-C, 65W AC Adapter, Output: 20V DC, 3.25A, 65W, lnput: 100-240V AC 50/60Hz universal (Adapter+power cord)
Required charging power	Min: 55W
	Max: 65W
	*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)	35.95 x 23.22 x 1.99 - 1.99 cm (14.15" x 9.14" x 0.78" - 0.78")
Weight (with Battery)	1.69 kg (3.73lbs)
Weight (w/O Battery)	1.50 kg (3.31lbs)
Security	Fingerprint sensor intergrated with Touchpad
	Kensington Nano Security Slot(6x 2.5mm)
	BlOS Booting User Password Protection
	BlOS Integrity Measurement Support
	BlOS Protection Support
	BlOS Self Recovery
	BlOS setup user password
	CSME BlOS Redundancy Assistance
	Enhanced Password Strength
	HDD User Password Protection and Security
	lntel CSME Firmware Resilience
	lntel BlOS Guard
	lntel Boot Guard
	Microsoft Secured-core PC
	Microsoft Security Level 2
	Support Absolute Persistence 2.0 (Computrace)
	Trusted Platform Module (TPM) 2.0
Antivirus	McAfee 30 days free trial

MyASUS feature	System diagnosis
	Battery health charging
	Fan Profile
	Splendid
	Tru2Life
	Function key lock
	WiFi SmartConnect
	AppDeals
	Link to MyASUS
Built-in Apps	AI ExpertMeet (AI features need devices with 12GB RAM or more) MyASUS
Disclaimer for Built-in Apps	Built-in Apps vary from OS SKU.
Reparability Index (for Belgium)	9.4
Reparability Index (for France)	9.6

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-B1503CVA-C716512G0X-Asus-ExpertBook-lp-337311.php

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