

ASUS ExpertBook B1 B1403CV-I515X(B1403CV-I515X)

ASUS ExpertBook B1 B1403CV-I515X - 180-degree hinge design - Intel Core i5 - 13420H / up to 4.6 GHz - Win 11 Pro - UHD Graphics - 16 GB RAM - 512 GB SSD NVMe - 14" 1920 x 1080 (Full HD) - Gigabit Ethernet - Wi-Fi 6E, Bluetooth - gentle grey - with 1 year ASUS ZenCare



ASUS ExpertBook B1 combines performance and reliability for the modern professional. Equipped with a 14-inch Full HD display, it provides vibrant visuals and a wide 170-degree viewing angle for clear presentations and collaborative work. This notebook features Intel Core i5 processing power with 8 cores and a maximum turbo speed of 4.6 GHz, ensuring tasks are completed efficiently. With 16 GB of DDR5 RAM and a 512 GB SSD, users will experience fast data access and multitasking capabilities. The dual array microphone features AI noise canceling, enhancing audio clarity during virtual meetings, while the speaker system delivers impressive sound quality powered by Dirac audio technology. Security is prioritized with a fingerprint reader and a Trusted Platform Module (TPM 2.0) to safeguard confidential information. The notebook meets strict sustainability and durability standards, having undergone MIL-STD-810H testing. Connectivity options include USB-C with Power Delivery, HDMI, and fast Ethernet for versatile networking. ASUS ExpertBook B1 is ENERGY STAR certified, demonstrating efficiency while maximizing productivity, making it a practical choice for professional use.

Key Selling Points

- 14-inch Full HD display for vibrant visuals
- Intel Core i5 with 8 cores and max turbo speed of 4.6 GHz for efficient performance
- 16 GB DDR5 RAM and 512 GB SSD for rapid multitasking and storage
- AI noise canceling dual array microphone for clear audio during calls
- Fingerprint reader and TPM 2.0 for enhanced security

Product Features

Brilliant Display Quality

The 14-inch Full HD display offers a resolution of 1920 x 1080, ensuring crisp images and vibrant colors for an immersive viewing experience. With a brightness of 300 cd/m2 and a wide aspect ratio of 16:9, it is ideal for both work and entertainment.

Robust Processing Power

Powered by an Intel Core i5 processor with 8 cores and a clock speed of 2.1 GHz, the notebook delivers reliable performance for demanding applications. Its ability to turbo boost up to 4.6 GHz enhances capability for intensive tasks.

Ample Storage and Memory

Featuring 16 GB of DDR5 SDRAM and a 512 GB SSD, this system supports efficient storage and rapid access to data. The SSD substantially improves overall system responsiveness and reduces load times.

Advanced Audio Performance

The device is equipped with a dual array microphone featuring AI noise canceling technology, ensuring clear sound quality for calls and recordings. The speaker system, powered by Dirac, enhances audio output for an enriched listening experience.

Enhanced Security Features

Security is strengthened with a fingerprint reader and TPM 2.0 technology, providing secure access and data protection. These features comply with the latest safety standards to ensure user and data protection.

Main Specifications

Product Description	ASUS ExpertBook B1 B1403CV-I515X - 14" - Intel Core i5 - 13420H - 16 GB RAM - 512 GB SSD
Product Type	Notebook - 180-degree hinge design
Operating System	Win 11 Pro
Processor	Intel Core i5 (13th Gen) - 13420H / 2.1 GHz, up to 4.6 GHz / 12 MB Cache
Memory	16 GB DDR5 (1 x 16 GB)
Storage	512 GB SSD - NVMe
Display	14" 1920 x 1080 / Full HD @ 60 Hz
Graphics	Intel UHD Graphics
Keyboard Backlight	Yes
Integrated Webcam	Yes

Networking	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3, Gigabit Ethernet
Battery	3-cell
Security	Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Colour	Gentle grey
Dimensions (WxDxH)	32.45 cm x 21.44 cm x 1.97 cm
Weight	1.48 kg
Environmental Standards	TCO Certified Notebooks 9, TCO Certified, generation 10, for notebooks, ENERGY STAR Qualified
Repairability Index	9.5 (out of 10)
Manufacturer Warranty	Limited warranty - 1 year - pick-up and return
Bundled Services	1 year ASUS ZenCare

Extended Specification

General

Product Type	Notebook - 180-degree hinge design
Operating System	Windows 11 Pro

Memory

RAM	16 GB (1 x 16 GB)
Max RAM Supported	64 GB
Technology	DDR5 SDRAM
Form Factor	SO-DIMM 262-pin
Slots Qty	2
Empty Slots	1

Manufacturer Warranty

Service & Support	Limited warranty - 1 year - pick-up and return
Bundled Services	1 year ASUS ZenCare

Storage

Main Storage	512 GB SSD M.2 2280 PCIe 4.0 x4 - NVMe Express (NVMe)
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Miscellaneous

Colour	Gentle grey
Case Material	Plastic
Security	Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Features	MIL-STD-810H tested, BIOS protection, Absolute Persistence 2.0 (Computrace) technology
Theft/Intrusion Protection	Security lock slot (cable lock sold separately)
Security Slot Type	Kensington nano security slot
Included Accessories	USB-C power adapter
Compliant Standards	RoHS, REACH, TUV Rheinland, Energy Star 8.0, FSC Mix

Software

Software Included	MyASUS, Microsoft 365 (1 month trial)
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Display

Type	14"
Resolution	1920 x 1080 (Full HD)
V-Sync Rate at Max Res.	60 Hz

Widescreen	Yes
Image Aspect Ratio	16:9
Image Brightness	300 cd/m²
Horizontal Viewing Angle	170
Vertical Viewing Angle	170
Colour Gamut	45% NTSC
Features	WideView, 87% screen-to-body ratio, 25 ms response rate (typical), 35 ms response rate (max)

Battery

Technology	3-cell Lithium Ion
Capacity	63 Wh

Communications

Wireless	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3
Network Interface	Gigabit Ethernet
Features	Dual stream (2x2)

Dimensions & Weight

Dimensions (WxDxH)	32.45 cm x 21.44 cm x 1.97 cm
Weight	1.48 kg

Processor / Chipset

CPU	Intel Core i5 (13th Gen) 13420H / 2.1 GHz
Max Turbo Speed	4.6 GHz
Number of Cores	8-core
Cache	12 MB
Features	Intel Smart Cache

Audio & Video

Graphics Processor	Intel UHD Graphics
Camera	Yes - 1080p
Camera Features	Privacy shutter
Sound	Speaker, dual array microphone
Audio Features	Output: Audio by Dirac; Input: AI noise cancelling

Input

Type	Keyboard, touchpad
Keyboard Backlight	Yes
Features	Chiclet keyboard, 1.35mm travel distance

AC Adapter

Input	AC 100-240 V (50/60 Hz)
Output	65 Watt, 20 V, 3.25 A

Connections & Expansion

Slots	1 x M.2 (PCI Express 4.0 x4) (1 free)
Interfaces Details	2 x USB-C 3.2 Gen 2 (supports DisplayPort Alt Mode) (Power Delivery) ¦ 2 x USB 3.2 Gen 1 ¦ HDMI ¦ LAN ¦ Headphone/microphone combo jack

Sustainability Information

Repairability Index	9.5 (out of 10)
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TCO Certified	- TCO Certified Notebooks 9, TCO Certified, generation 10, for notebooks
ENERGY STAR Certified	Yes

What's in the box

ASUS ExpertBook B1 B1403CV-I515X
USB-C power adapter

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