

ASUS ExpertBook B1 B1403CT-I381XA(B1403CT-I381XA)

ASUS ExpertBook B1 B1403CT-I381XA - 180-degree hinge design - Intel Core 3 - N355 / up to 3.9 GHz - Win 11 Pro Education - Intel Graphics - 8 GB RAM - 128 GB SSD NVMe - 14" 1920 x 1080 (Full HD) - Gigabit Ethernet - Wi-Fi 6E, Bluetooth - gentle grey - with 1 year ASUS ZenCare



The ASUS ExpertBook B1 B1403CT-I381XA is designed to enhance productivity while ensuring reliability. With a 14-inch Full HD display featuring an anti-glare screen and wide viewing angles, it provides a clear and vibrant viewing experience. The dual speakers with Audio by Dirac deliver high-quality sound, complemented by AI noise canceling through the dual array microphone for clear communication during virtual meetings. This notebook is equipped with 8 GB LPDDR5X RAM and a 128 GB SSD, ensuring smooth performance and fast data access for all tasks. Security features such as BIOS protection, Trusted Platform Module (TPM 2.0) security chip, and MIL-STD-810H testing add an extra layer of protection and durability. With a robust connectivity suite, including USB-C, HDMI, and Gigabit Ethernet, the ASUS ExpertBook B1 ensures seamless integration with peripherals and networks. The device also supports Bluetooth 5.3 and Wi-Fi 6E for fast wireless communication. Combined with distinctive design elements like a backlit chiclet keyboard and 180° hinge, this notebook meets the needs of both professionals and students alike.

Key Selling Points

- 14-inch Full HD display with anti-glare features
- 8 GB LPDDR5X RAM for efficient multitasking
- 128 GB SSD for fast boot and load times
- Robust security features including BIOS protection and TPM 2.0
- Wi-Fi 6E and Bluetooth 5.3 for advanced connectivity

Product Features

Enhanced Display Quality

The 14-inch display provides a native resolution of 1920 x 1080, making it suitable for both work and entertainment while ensuring vibrant colors and sharp imagery.

Efficient Audio Performance

The combination of dual speakers with Audio by Dirac and AI noise canceling from a dual array microphone ensures clear sound and communication in any environment.

Solid Performance Capabilities

Powered by an 8-core Intel Core 3 processor with speeds up to 3.9 GHz, this notebook offers rapid processing power while enhancing productivity across various applications.

Robust Security Features

With BIOS protection and an embedded TPM 2.0 security chip, this device offers essential safeguards for sensitive information and efficient data management.

Versatile Connectivity Options

Equipped with multiple USB ports, HDMI output, and the latest wireless technologies, this notebook provides flexible connectivity to various devices and networks.

Main Specifications

Product Description	ASUS ExpertBook B1 B1403CT-I381XA - 14" - Intel Core 3 - N355 - 8 GB RAM - 128 GB SSD
Product Type	Notebook - 180-degree hinge design
Operating System	Win 11 Pro Education
Processor	Intel Core 3 N355 / 1.9 GHz, up to 3.9 GHz / 6 MB Cache
Memory	8 GB LPDDR5X (provided memory is soldered)
Storage	128 GB SSD - NVMe
Display	14" 1920 x 1080 / Full HD @ 60 Hz
Graphics	Intel 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
Colour	Gentle grey
Dimensions (WxDxH)	32.45 cm x 21.44 cm x 1.97 cm
Weight	1.39 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
Bundled Services	1 year ASUS ZenCare

Extended Specification

General

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

Memory

RAM	8 GB (provided memory is soldered)
Technology	LPDDR5X SDRAM

Manufacturer Warranty

Service & Support	Limited warranty - 1 year
Bundled Services	1 year ASUS ZenCare

Storage

Main Storage	128 GB SSD M.2 2280 PCIe 4.0 - NVMe Express (NVMe)
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Miscellaneous

Colour	Gentle grey
Case Material	Plastic
Security	Trusted Platform Module (TPM 2.0) Security Chip
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, Energy Star 8.0, FSC Mix

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	Anti-glare, WideView, 87% screen-to-body ratio, 25 ms response rate (typical), 35 ms response rate (max)

Battery

Technology	3-cell Lithium Ion
Capacity	42 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	1.39 kg

Processor / Chipset

CPU	Intel Core 3 N355 / 1.9 GHz
Max Turbo Speed	3.9 GHz
Number of Cores	8-core
Cache	6 MB
Features	Intel Smart Cache

Audio & Video

Graphics Processor	Intel Graphics
Camera	Yes - 720p
Camera Features	Privacy shutter
Sound	Dual speakers, 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	45 Watt, 20 V, 2.25 A

Connections & Expansion

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
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Sustainability Information

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

What's in the box

ASUS ExpertBook B1 B1403CT-I381XA
USB-C power adapter

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