

Asus Expertbook B15(B1503CT-I381XA)

ASUS ExpertBook B1 B1503CT-I381XA - 180-degree hinge design - Intel N-series - N355 / up to 3.9 GHz - Win 11 Pro Education - Intel Graphics - 8 GB RAM - 128 GB SSD NVMe - 15.6" 1920 x 1080 (Full HD) - Gigabit Ethernet - Wi-Fi 6E, Bluetooth - gentle grey - with 1 year ASUS ZenCare



The ASUS ExpertBook B1 B1503CT-I381XA combines versatility and performance, making it a choice for both work and study. Featuring a 15.6-inch Full HD display with vibrant image clarity, it supports a wide viewing angle of 170 degrees and an impressive 87% screen-to-body ratio. Users can enjoy responsive visuals with a typical response rate of 20 ms, ensuring a smooth experience for various applications.

Equipped with features like AI noise cancelling technology and audio by Dirac, this notebook enhances sound quality for calls and media playback. The device is powered by an 8-core Intel N-series processor, providing up to 3.9 GHz turbo speed, paired with 8 GB of LPDDR5X SDRAM. Additionally, a 128 GB PCIe NVMe SSD offers ample storage and fast data access, while the robust security features protect your information. With a durable design tested to meet MIL-STD-810H standards, this notebook is built to withstand the rigors of daily use.

Key Selling Points

- 15.6-inch Full HD display offers vibrant visuals
- AI noise cancelling technology enhances audio clarity
- Robust MIL-STD-810H tested design for durability
- Fast data access with 128 GB PCIe NVMe SSD
- 8-core Intel processor delivers reliable performance

Product Features

- Vibrant Full HD Display**
The 15.6-inch Full HD display features a native resolution of 1920 x 1080, ensuring bright and clear image quality. With a brightness of 300 cd/m2 and an aspect ratio of 16:9, it provides an optimal viewing experience for videos, presentations, and more.
- Enhanced Audio Experience**
This notebook includes AI noise cancelling technology for clear audio during calls and media playback. It also features audio by Dirac, enriching sound quality to create immersive listening experiences.
- Solid Performance Capabilities**
Powered by an 8-core Intel N-series processor with a maximum turbo speed of 3.9 GHz, the ExpertBook B1 offers efficient multitask capabilities and responsiveness for various applications, enhancing productivity.
- Ample Storage and Fast Access**
Featuring a 128 GB PCIe NVMe SSD, this notebook provides ample storage space and ensures quick data retrieval, enabling faster boot times and application launching.
- Durable and Secure Design**
Constructed to meet MIL-STD-810H standards, the ASUS ExpertBook B1 is built to withstand challenging environments. It includes a Trusted Platform Module (TPM 2.0) security chip to safeguard sensitive information.

Main Specifications

Product Description	ASUS ExpertBook B1 B1503CT-I381XA - 15.6" - Intel N-series - N355 - 8 GB RAM - 128 GB SSD
Product Type	Notebook - 180-degree hinge design
Operating System	Win 11 Pro Education
Processor	Intel N-series N355 / 1.9 GHz, up to 3.9 GHz / 6 MB Cache
Memory	8 GB LPDDR5X
Storage	128 GB SSD - NVMe
Display	15.6" 1920 x 1080 / Full HD @ 60 Hz
Graphics	Intel Graphics
Numeric Keypad	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)	35.95 cm x 23.22 cm x 1.99 cm
Weight	1.43 kg
Environmental Standards	TCO Certified Notebooks 9, TCO Certified, generation 10, for notebooks
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 Education

Memory

RAM	8 GB
Technology	LPDDR5X SDRAM

Manufacturer Warranty

Service & Support	Limited warranty - 1 year - pick-up and return
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

Software

Software Included	Microsoft 365 (1 month trial)
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Display

Type	15.6"
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, 20 ms response rate (typical), 25 ms response rate (max)
Battery	
Technology	3-cell lithium polymer
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)	35.95 cm x 23.22 cm x 1.99 cm
Weight	1.43 kg
Processor / Chipset	
CPU	Intel N-series 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	Speaker, array microphone
Audio Features	Output: Audio by Dirac; Input: AI noise cancelling
Input	
Type	Keyboard, touchpad
Numeric Keypad	Yes
Features	Chiclet keyboard, 1.35mm travel distance, Copilot key
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 3.2 Gen 1 2 x USB-C 3.2 Gen 2 (supports DisplayPort Alt Mode) (Power Delivery) Headphone/microphone combo jack LAN HDMI
Sustainability Information	
Repairability Index	9.5 (out of 10)
TCO Certified	- TCO Certified Notebooks 9, TCO Certified, generation 10, for notebooks

What's in the box

ASUS ExpertBook B1 B1503CT-I381XA
USB-C power adapter

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