

ASUS ExpertBook BM1 BM1403CD-582XA (BM1403CD-582XA)

ASUS ExpertBook BM1 BM1403CD-582XA - 180-degree hinge design - AMD Ryzen 5 - 150 / up to 4.55 GHz - Win 11 Pro Education - Radeon 660M - 8 GB RAM - 256 GB SSD NVMe - 14" 1920 x 1080 (Full HD) - Gigabit Ethernet - Wi-Fi 6, Bluetooth - gentle grey - with 1 year ASUS ZenCare



The ASUS ExpertBook BM1 BM1403CD-582XA presents a reliable notebook solution tailored for professionals who require efficiency and functionality. This device features a 14-inch Full HD display, delivering sharp visuals with a native resolution of 1920 x 1080 and an anti-glare surface for comfortable viewing. Enhanced by an AMD Ryzen 5 processor and 8 GB of DDR5 RAM, it ensures smooth multitasking for various applications alongside ample storage with a 256 GB SSD. Equipped with advanced connectivity, the ExpertBook BM1 supports seamless data transfers and charging capabilities. Additionally, audio capabilities are elevated through an AI noise-canceling dual-array microphone and high-quality sound by Dirac. Further, its durable design meets military-grade standards while featuring a comprehensive set of security measures, including BIOS protection and a Trusted Platform Module (TPM) 2.0 for user peace of mind.

Key Selling Points

- 14-inch Full HD display offers vibrant visuals
- Powered by an AMD Ryzen 5 processor for efficient performance
- 256 GB SSD enables rapid data access and storage
- AI noise-canceling microphone provides clear audio input
- MIL-STD-810H tested for enhanced durability

Product Features

- Versatile display**
The 14-inch Full HD display features a native resolution of 1920 x 1080 along with a 178-degree horizontal and vertical viewing angle, allowing for clear visuals from multiple positions.
- Efficient processing power**
With a 6-core AMD Ryzen 5 processor clocking speeds up to 4.55 GHz, this notebook is designed to handle demanding multitasking requirements with ease.
- Enhanced security features**
Equipped with a Trusted Platform Module (TPM 2.0) and BIOS protection mechanisms, this device ensures that user data remains secure against unauthorized access.
- Robust connectivity options**
The notebook includes multiple connectivity options, such as dual USB-C ports and HDMI, facilitating versatile peripheral connections for enhanced productivity.
- Sound quality**
Featuring audio technology by Dirac and a dual-array microphone with AI noise-canceling, the notebook delivers high-quality sound for both media consumption and communication.

Main specifications

Product Description	ASUS ExpertBook BM1 BM1403CD-582XA - 14" - AMD Ryzen 5 - 150 - 8 GB RAM - 256 GB SSD
Product Type	Notebook - 180-degree hinge design
Operating System	Win 11 Pro Education
Processor	AMD Ryzen 5 150 / 3.3 GHz, up to 4.55 GHz / 16 MB Cache
Memory	8 GB DDR5
Storage	256 GB SSD - NVMe
Display	14" 1920 x 1080 / Full HD @ 60 Hz
Graphics	AMD Radeon 660M
Integrated Webcam	Yes
Microsoft Copilot	Yes
Networking	802.11a/b/g/n/ac/ax, Bluetooth 5.4, Gigabit Ethernet
Battery	3-cell
Security	Trusted Platform Module (TPM 2.0) with Microsoft Pluton Secured-core PC (Level 2) Security Chip
Colour	Gentle grey
Dimensions (WxDxH)	32.45 cm x 21.44 cm x 1.97 cm
Weight	1.4 kg

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

Memory

RAM	8 GB
Max RAM Supported	64 GB
Technology	DDR5 SDRAM
Form Factor	SO-DIMM 262-pin
Slots Qty	2
Empty Slots	1

Input

Type	Keyboard, touchpad
Features	Chiclet keyboard, 1.35mm travel distance, Copilot key

Miscellaneous

Colour	Gentle grey
Case Material	Plastic
Security	Trusted Platform Module (TPM 2.0) with Microsoft Pluton Secured-core PC (Level 2) Security Chip
Features	Hard drive password, MIL-STD-810H tested, BIOS protection, Absolute Persistence 2.0 (Computrace) technology, ASUS ExpertCool design, BIOS self recovery, CSME BIOS redundancy assistance
Theft/Intrusion Protection	Security lock slot (cable lock sold separately)
Security Slot Type	Kensington nano security slot
Included Accessories	USB-C power adapter

Dimensions & Weight

Dimensions (WxDxH)	32.45 cm x 21.44 cm x 1.97 cm
Weight	1.4 kg

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	178
Vertical Viewing Angle	178
Colour Gamut	45% NTSC
Features	Anti-glare, WideView, 11 ms response rate (typical), 14 ms response rate (max)

Communications

Wireless	802.11a/b/g/n/ac/ax, Bluetooth 5.4
Network Interface	Gigabit Ethernet
Features	Dual stream (2x2)

Software

Microsoft Copilot	Yes
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Battery

Technology	3-cell Lithium Ion
Capacity	42 Wh

Manufacturer Warranty

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

Processor / Chipset

CPU	AMD Ryzen 5 150 / 3.3 GHz
Max Turbo Speed	4.55 GHz
Number of Cores	6-core
Cache	L3 - 16 MB

Audio & Video

Graphics Processor	AMD Radeon 660M
Camera	Yes - 720p
Camera Features	Privacy shutter
Sound	Speaker, dual array microphone
Audio Features	Output: Audio by Dirac; Input: AI noise cancelling

AC Adapter

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

General

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

Sustainability Information

Repairability Index	9.5 (out of 10)
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Storage

Main Storage	256 GB SSD M.2 2280 PCIe 4.0 - NVMe Express (NVMe)
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Connections & Expansion

Slots	1 x PCI Express 4.0 x4 (0 available) ¦ 1 x PCI Express 4.0 x4 (1 available)
Interfaces Details	Headphone/microphone combo jack ¦ LAN ¦ HDMI ¦ 2 x USB 3.2 Gen 1 ¦ 2 x USB-C 3.2 Gen 2 (supports DisplayPort Alt Mode) (Power Delivery)

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