

ExpertBook BM1 | BM1503CDA

Elevated, effortless and secure

Packed with business-friendly features, the ASUS ExpertBook BM1 series offers practicality for small firms, educational institutions, and students. With a sleek 1.63kg design, 180° lay-flat hinge, advanced AI features, enterprise-grade security, and extensive connectivity, it's the perfect portable partner to empower your workday



AMD® Ryzen™ processor



Sustainable design



16:9 aspect ratio



180° lay-flat hinge



Copilot key



ASUS AI noise-canceling

Business-focused, durable design

- Tested to stringent U.S. military-grade standards
- A 1.63kg (starting weight) portable device with sleek chassis
- 180° lay-flat hinge for collaboration sessions
- ASUS ExpertWidget for customizable keyboard shortcuts
- Up to 10.5 hours battery life¹

Exceptional performance and connectivity

- Up to AMD® Ryzen™ 7 processor
- Up to 64GB RAM, Dual SO-DIMM DDR5
- Dual SSD for up to 1TB PCIe® 4.0 SSD (RAID 0, RAID1 Support)
- Comprehensive I/O ports including full-function USB-C, USB-A, HDMI
- Up to WiFi 6E dual band
- Two-way ASUS AI noise-canceling technology

Enterprise-grade security and manageability

- Biometric login with fingerprint sensor
- Webcam shield, and Kensington® lock slot to protect your data and privacy
- TPM 2.0* and fingerprint sensor* for added security
- Compatible with MyASUS for seamless management

*OPTIONAL FEATURE, MAY VARY BY MODEL, SPECIFICATION, OR REGION.

¹ACTUAL BATTERY PERFORMANCE MAY VARY DEPENDING ON PRODUCT CONFIGURATION, USAGE, OPERATIONAL CONDITIONS AND POWER MANAGEMENT SETTINGS. BATTERY LIFE WILL DECREASE OVER THE LIFETIME OF THE BATTERY.

²CERTIFICATIONS ARE STILL UNDER PROGRESS AT TIME OF PUBLISHING THIS DOCUMENT. PLEASE CHECK WITH YOUR ASUS REPRESENTATIVE PRIOR TO SHARING ANY INFORMATION PUBLICLY.

Warranty and Support



Up to 5-year international warranty available*
Warranty policies vary by country.



Pick up & return service*
Enjoy door-to-door service for pick ups, repairs, and returns.



MyASUS
Contact customer service, view repair status, read product guides and more.

Model		BM1503CDA / 90NX0821-M01U90
Operating System	Non-preinstalled OS	
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 (1920 x 1080) 16:9	
Glare	Anti-glare display	
Color gamut	NTSC: 45%	
View angle(H/V)	178/178	
Response time(Typ/Max) (ms)	25/30	
Refresh rate	60Hz	
Contrast (Typ)	700:1	
Touch Panel	Non-touch screen	
Screen-to-body ratio	87 %	
IPS-level	Wide view	
Processor	AMD Ryzen™ 7 170 Processor 3.2GHz (16MB Cache, up to 4.75 GHz, 8 cores, 16 Threads)	
Chipset	N/A	
Discrete/Share	Share	
Integrated GPU	AMD Radeon™ 680M	
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 4.0x4 1x M.2 2280 PCIe 4.0x4
DIMM Memory	8GB DDR5 SO-DIMM *2
Total System Memory	DDR5 16GB
Storage	512GB M.2 2280 NVMe™ PCIe® 4.0 SSD *ASUS continually improves product parts. It is recommended that you install the M.2 SSD module under professional supervision, which may void your warranty. Please contact sales for any related questions. SSD Housing for storage expansion
Front-facing camera	1080p FHD 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
Keyboard language	German
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	63WHrs, 3S1P, 3-cell Li-ion
AC Adapter	TYPE-C, 65W AC Adapter, Output: 20V DC, 3.25A, 65W, Input: 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")
Starting Weight (with Battery)	1.84 kg (4.06 lbs)
Starting Weight (w/o Battery)	1.62 kg (3.57 lbs)

Security	Kensington Nano Security Slot™(6x 2.5mm) Fingerprint sensor intergrated with Touchpad Trusted Platform Module (TPM) 2.0 Support Absolute Persistence 2.0 (Computrace) BIOS setup user password CSME BIOS Redundancy Assistance BIOS Self Recovery BIOS Booting User Password Protection HDD User Password Protection and Security Microsoft Security Level 2 Enhanced Password Strength BIOS Integrity Measurement Support N/A
MyASUS feature	System diagnosis Battery health charging Fan Profile Splendid Function key lock WiFi SmartConnect AppDeals Link to MyASUS
Built-in Apps	AI ExpertMeet (watermark only) MyASUS
Reparability Index (for Belgium)	9.4
Reparability Index (for France)	9.5
Ecolabels & Compliances	EPEAT Gold with Climate+ Energy star 8.0 FSC Recycled REACH RoHS TCO Certified
Base Warranty	3Y Pick up/ return
Recommended Warranty Package Part number//Extension and/or upgrade service from base warranty	ACX12-002021NX//1Y Extension; 4Y Accidental Damage Protection* *upgrade ACX13-007013NX//1Y Extension; 4Y OnSite Service(Next Business Day)*upgrade ACX13-018710NX//3Y OnSite Service(Next Business Day)*upgrade *If you would like to know the details, please contact your sales teams.
Battery warranty	Commercial NB B series Battery warranty follow system warranty, 4Y-5Y by WEP option.
Sustainable Material_Top cover(A part)	30% PCR recycled plastic(cover or inner frame)
Sustainable Material_Keyboard frame (C part)	30% PCR recycled plastic(cover or inner frame)
Sustainable Material_Bottom cover (D part)	30% PCR recycled plastic(cover or inner frame)

Sustainable Material_Battery	30% PCR recycled plastic
Sustainable Material_Total PCR recycled plastic	29%