

# 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 life<sup>1</sup>

## 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.

<sup>1</sup>ACTUAL 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.

<sup>2</sup>CERTIFICATIONS 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-M01U80   |
|-----------------------------|---|
| 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™ 5 150 Processor 3.3GHz (16MB Cache, up to 4.55 GHz, 6 cores, 12 Threads) |
| Chipset                     | N/A   |
| Discrete/Share              | Share   |
| Integrated GPU              | AMD Radeon™ Graphics  |
| VRAM                        | N/A   |

|                                       |  |
|---------------------------------------|--|
| <b>How to upgrade memory</b>          | Upgradable; Need to remove bottom/top case   |
| <b>Expansion Slot(includes used)</b>  | 2x DDR5 SO-DIMM slots<br>1x M.2 2230 PCIe 4.0x4<br>1x M.2 2280 PCIe 4.0x4  |
| <b>DIMM Memory</b>                    | 8GB DDR5 SO-DIMM *2  |
| <b>Total System Memory</b>            | DDR5 16GB  |
| <b>Storage</b>                        | 512GB M.2 2280 NVMe™ PCIe® 4.0 SSD<br>*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.<br>SSD Housing for storage expansion |
| <b>Front-facing camera</b>            | 1080p FHD camera<br>With privacy shutter   |
| <b>Wireless</b>                       | Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth® 5.4 Wireless Card   |
| <b>NumberPad</b>                      | N/A  |
| <b>FingerPrint</b>                    | FingerPrint  |
| <b>Keyboard type</b>                  | Backlit Chiclet Keyboard with Num-key  |
| <b>Keyboard language</b>              | German   |
| <b>I/O ports</b>                      | 2x USB 3.2 Gen 1 Type-A<br>2x USB 3.2 Gen 2 Type-C support display / power delivery<br>1x HDMI 1.4, up to 3840x2160p/30Hz<br>1x 3.5mm Combo Audio Jack<br>1x RJ45 Gigabit Ethernet   |
| <b>Audio</b>                          | Audio by Dirac<br>Built-in speaker<br>Built-in array microphone  |
| <b>Battery</b>                        | 63WHrs, 3S1P, 3-cell Li-ion  |
| <b>AC Adapter</b>                     | TYPE-C, 65W AC Adapter, Output: 20V DC, 3.25A, 65W, Input: 100~240V AC 50/60Hz universal (Adapter+power cord)  |
| <b>Required charging power</b>        | Min: 55W<br>Max: 65W<br>*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.  |
| <b>Dimension (WxHxD)</b>              | 35.95 x 23.22 x 1.99 ~ 1.99 cm (14.15" x 9.14" x 0.78" ~ 0.78")  |
| <b>Starting Weight (with Battery)</b> | 1.84 kg (4.06 lbs)   |
| <b>Starting Weight (w/o Battery)</b>  | 1.62 kg (3.57 lbs)   |

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

**Sustainable Material\_Battery** 30% PCR recycled plastic

**Sustainable Material\_Total PCR  
recycled plastic** 29%