



## 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-M00DL0                                                           |
|-----------------------------|---------------------------------------------------------------------------------------|
| Operating System            | Windows 11 Pro                                                                        |
| Office                      | 1-month trial for new Microsoft 365 customers. Credit card required.                  |
| 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 7735U Processor 2.7GHz (16MB Cache, up to 4.75 GHz, 8 cores, 16 Threads) |
| Chipset                     | N/A                                                                                   |
| Discrete/Share              | Share                                                                                 |
| Integrated GPU              | AMD Radeon™ Graphics                                                                  |

|                                      |                                                                                                                                                                                                                                                                                          |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>VRAM</b>                          | 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>                   | 16GB DDR5 SO-DIMM                                                                                                                                                                                                                                                                        |
| <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>           | 720p HD 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>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>                       | 42WHrs, 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                                                                                                                                                                                                 |
| <b>Required charging power</b>       | Min: 55W<br>Max: 90W<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>Weight (with Battery)</b>         | 1.78 kg (3.92 lbs)                                                                                                                                                                                                                                                                       |
| <b>Weight (w/o Battery)</b>          | 1.60 kg (3.53 lbs)                                                                                                                                                                                                                                                                       |

|                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Security</b>                                                                                      | Fingerprint sensor intergrated with Touchpad<br>Kensington Nano Security Slot™(6x 2.5mm)<br>BIOS Booting User Password Protection<br>BIOS Integrity Measurement Support<br>BIOS Self Recovery<br>BIOS setup user password<br>CSME BIOS Redundancy Assistance<br>Enhanced Password Strength<br>HDD User Password Protection and Security<br>Microsoft Security Level 2<br>Support Absolute Persistence 2.0 (Computrace)<br>Trusted Platform Module (TPM) 2.0<br>N/A |
| <b>Antivirus</b>                                                                                     | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>MyASUS feature</b>                                                                                | System diagnosis<br>Battery health charging<br>Fan Profile<br>Splendid<br>Function key lock<br>WiFi SmartConnect<br>AppDeals<br>Link to MyASUS                                                                                                                                                                                                                                                                                                                     |
| <b>Built-in Apps</b>                                                                                 | MyASUS                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Reparability Index (for France)</b>                                                               | 9.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Ecolabels &amp; Compliances</b>                                                                   | EPEAT Gold with Climate+<br>Energy star 8.0<br>FSC Recycled<br>REACH<br>RoHS<br>TCO Certified                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Base Warranty</b>                                                                                 | 3Y OnSite Service(Next Business Day)                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Recommended Warranty Package Part number//Extension and/or upgrade service from base warranty</b> | *If you would like to know the details, please contact your sales teams.                                                                                                                                                                                                                                                                                                                                                                                           |
| <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)                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Sustainable Material_Battery</b>                                                                  | 30% PCR recycled plastic                                                                                                                                                                                                                                                                                                                                                                                                                                           |

Sustainable Material\_Total PCR recycled plastic 29%