

## ASUS ExpertBook BM1 BM1503CDA-S71657X AMD Ryzen™ 7 170 Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Grey QWERTZ German



**Brand :** ASUS

**Product family:** ExpertBook

**Product code:** 90NX0821-M01UB0

**Product name :** BM1503CDA-S71657X

AMD Ryzen 7 170 (3.2GHz), 16GB DDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS-Level, AMD Radeon 660M, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

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### Elevate everyday performance to the next level

ASUS ExpertBook BM1 offers extensive customization options to empower your business. Powered by the latest AMD® Ryzen™ 7 processor and offering military-grade durability<sup>1</sup>, it is engineered to handle various tasks smoothly. Designed with productivity in mind, it features AI capabilities such as Copilot in Windows, AI noise-canceling technology and watermark functions which enable you achieve your best. Furthermore, it includes a full set of I/O ports, fast connection up to Wi-Fi 6E, and advanced security features. Lightweight with long battery life and stunning visuals and audio, it provides flexibility wherever you work. ASUS ExpertBook BM1 streamlines your workflow to keep you productive.

| Design                    |                      | Network                                           |                      |
|---------------------------|----------------------|---------------------------------------------------|----------------------|
| Colour name               | Gentle Grey          | Top Wi-Fi standard *                              | Wi-Fi 6 (802.11ax)   |
| Product type *            | Laptop               | Wi-Fi standards                                   | Wi-Fi 6 (802.11ax)   |
| Product colour *          | Grey                 | Mobile network connection *                       | ✗                    |
| Form factor *             | Clamshell            | Antenna type                                      | 2x2                  |
| Market positioning        | Work                 | Ethernet LAN                                      | ✓                    |
| Display                   |                      | Ethernet LAN data rates                           | 1000 Mbit/s          |
| Display diagonal *        | 39.6 cm (15.6")      | Bluetooth                                         | ✓                    |
| Display resolution *      | 1920 x 1080 pixels   | Bluetooth version                                 | 5.4                  |
| Touchscreen *             | ✗                    | Ports & interfaces                                |                      |
| HD type                   | Full HD              | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2                    |
| Panel type                | IPS-Level            | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity   | 2                    |
| Native aspect ratio       | 16:9                 | Ethernet LAN (RJ-45) ports                        | 1                    |
| Anti-glare screen         | ✓                    | HDMI ports quantity *                             | 1                    |
| Display brightness        | 300 cd/m²            | HDMI version                                      | 1.4                  |
| Display diagonal (metric) | 39.6 cm              | Combo headphone/mic port                          | ✓                    |
| RGB colour space          | NTSC                 | USB Type-C DisplayPort Alternate Mode             | ✓                    |
| Colour gamut              | 45%                  | Keyboard                                          |                      |
| Processor                 |                      | Pointing device                                   | Touchpad             |
| Processor manufacturer *  | AMD                  | Numeric keypad *                                  | ✓                    |
| Processor family *        | AMD Ryzen™ 7         | Keyboard backlit                                  | ✓                    |
| Processor generation      | AMD Ryzen 100 Series | Keyboard layout                                   | QWERTZ               |
| Processor model *         | 170                  | Keyboard language                                 | German               |
| Processor cores           | 8                    | Software                                          |                      |
| Processor threads         | 16                   | Operating system architecture                     | 64-bit               |
| Processor boost frequency | 4.75 GHz             | Operating system installed *                      | Windows 11 Pro       |
| Processor frequency *     | 3.2 GHz              | Battery                                           |                      |
| Processor cache type      | L2 & L3              | Battery technology                                | Lithium-Ion (Li-Ion) |
| L3 cache                  | 16 MB                | Number of battery cells                           | 3                    |
| L2 cache                  | 4 MB                 | Battery capacity *                                | 63 Wh                |
| Memory                    |                      |                                                   |                      |
| Internal memory *         | 16 GB                |                                                   |                      |
| Internal memory type      | DDR5-SDRAM           |                                                   |                      |

| Memory                         |                 | Power                                 |                 |
|--------------------------------|-----------------|---------------------------------------|-----------------|
| Memory form factor             | SO-DIMM         | AC adapter power                      | 65 W            |
| Memory slots                   | 2x SO-DIMM      | AC adapter frequency                  | 50 - 60 Hz      |
| Maximum internal memory *      | 64 GB           | AC adapter input voltage              | 100 - 240 V     |
| Storage                        |                 | AC adapter output current             | 3.25 A          |
| Total storage capacity *       | 512 GB          | AC adapter output voltage             | 20 V            |
| Storage media *                | SSD             | USB Type-C charging port *            | ✓               |
| Total SSDs capacity            | 512 GB          | USB Power Delivery (USB PD)           | ✓               |
| Number of SSDs installed       | 1               | Security                              |                 |
| SSD capacity                   | 512 GB          | Cable lock slot                       | ✓               |
| SSD interface                  | PCI Express 4.0 | Cable lock slot type                  | Kensington      |
| NVMe                           | ✓               | Fingerprint reader                    | ✓               |
| SSD form factor                | M.2             | Trusted Platform Module (TPM)         | ✓               |
| Optical drive type *           | ✗               | Trusted Platform Module (TPM) version | 2.0             |
| Graphics                       |                 | Password protection                   | ✓               |
| Discrete graphics card model * | Not available   | Password protection type              | BIOS, User, HDD |
| On-board graphics card *       | ✓               | Weight & dimensions                   |                 |
| On-board GPU manufacturer      | AMD             | Width                                 | 359.5 mm        |
| Discrete graphics card *       | ✗               | Depth                                 | 232.2 mm        |
| On-board graphics card family  | AMD Radeon      | Height                                | 19.9 mm         |
| On-board graphics card model * | AMD Radeon 680M | Weight *                              | 1.61 kg         |
| Audio                          |                 | Packaging data                        |                 |
| Audio system                   | Dirac           | Package width                         | 440 mm          |
| Built-in microphone            | ✓               | Package depth                         | 65 mm           |
| Camera                         |                 | Package height                        | 290 mm          |
| Front camera                   | ✓               | Package weight                        | 1.84 kg         |
| Front camera HD type           | Full HD         | Packaging content                     |                 |
| Privacy camera                 | ✓               | AC adapter included *                 | ✓               |
| Privacy type                   | Privacy shutter |                                       |                 |



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### Catalog Object Cloud



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