

## ASUS ExpertBook B3 B3405CCA-LY1072X Intel Core Ultra 5 125H Laptop 35.6 cm (14") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro German Grey



**Brand :** ASUS

**Product family:** ExpertBook

**Product code:** 90NX08L1-M01700

**Product name :** B3405CCA-LY1072X

- Windows 11 Pro 64-bit
- Intel Core Ultra 5 125H (18MB Cache)
- 35.6 cm (14") WUXGA 1920 x 1200 IPS-Level
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD

Intel Core Ultra 5 125H (18MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 35.6 cm (14") WUXGA 1920 x 1200 IPS-Level, Intel Arc Graphics, LAN, WLAN, 5G, Webcam, Windows 11 Pro 64-bit

ASUS ExpertBook B3 B3405CCA-LY1072X. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 125H. Display diagonal: 35.6 cm (14"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics. Mobile network generation: 5G. Operating system installed: Windows 11 Pro. Product colour: Grey

| Design                               |                               | Audio                                             |                     |
|--------------------------------------|-------------------------------|---------------------------------------------------|---------------------|
| Colour name                          | Gentle Grey                   | Audio system                                      | Dirac               |
| Product type *                       | Laptop                        | Built-in microphone                               | ✓                   |
| Product colour *                     | Grey                          | <b>Camera</b>                                     |                     |
| Form factor *                        | Clamshell                     | Front camera                                      | ✓                   |
| Housing material                     | Aluminium, Plastic            | Front camera resolution                           | 1920 x 1080 pixels  |
| Market positioning                   | Work                          | Front camera HD type                              | Full HD             |
| Introduction year                    | 2025                          | Privacy camera                                    | ✓                   |
| <b>Display</b>                       |                               | Privacy type                                      | Privacy shutter     |
| Display diagonal *                   | 35.6 cm (14")                 | <b>Network</b>                                    |                     |
| Display resolution *                 | 1920 x 1200 pixels            | Mobile network generation                         | 5G                  |
| Touchscreen *                        | ✗                             | Top Wi-Fi standard *                              | Wi-Fi 6E (802.11ax) |
| HD type                              | WUXGA                         | Wi-Fi standards                                   | Wi-Fi 6E (802.11ax) |
| Panel type                           | IPS-Level                     | Mobile network connection *                       | ✓                   |
| LED backlight                        | ✓                             | Antenna type                                      | 2x2                 |
| Native aspect ratio                  | 16:10                         | Ethernet LAN                                      | ✓                   |
| Anti-glare screen                    | ✓                             | Ethernet LAN data rates                           | 10,100,1000 Mbit/s  |
| Display brightness                   | 300 cd/m²                     | Bluetooth                                         | ✓                   |
| Display diagonal (metric)            | 35.6 cm                       | Bluetooth version                                 | 5.4                 |
| RGB colour space                     | NTSC                          | <b>Ports &amp; interfaces</b>                     |                     |
| Colour gamut                         | 45%                           | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2                   |
| <b>Processor</b>                     |                               | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity   | 2                   |
| Processor manufacturer *             | Intel                         | Ethernet LAN (RJ-45) ports                        | 1                   |
| Processor family *                   | Intel Core Ultra 5            | HDMI ports quantity *                             | 1                   |
| Processor generation                 | Intel® Core™ Ultra (Series 1) | HDMI version                                      | 2.1                 |
| Processor model *                    | 125H                          | Combo headphone/mic port                          | ✓                   |
| Processor cores                      | 14                            | USB Type-C DisplayPort Alternate Mode             | ✓                   |
| Processor threads                    | 18                            | <b>Performance</b>                                |                     |
| Processor boost frequency            | 4.5 GHz                       | Repairability index                               | 9.7                 |
| Performance cores                    | 4                             |                                                   |                     |
| Efficient cores                      | 8                             |                                                   |                     |
| Low Power Efficient-cores            | 2                             |                                                   |                     |
| Performance-core Max Turbo Frequency | 4.5 GHz                       |                                                   |                     |
| Efficient-core Max Turbo Frequency   | 3.6 GHz                       |                                                   |                     |

| Processor                                    |                                         | Keyboard                              |                                                                              |
|----------------------------------------------|-----------------------------------------|---------------------------------------|------------------------------------------------------------------------------|
| Low Power Efficient-core Max Turbo Frequency | 2.5 GHz                                 | Pointing device                       | Touchpad                                                                     |
| Performance-core base frequency              | 1.2 GHz                                 | Numeric keypad *                      | ✗                                                                            |
| Efficient-core base frequency                | 0.7 GHz                                 | Keyboard backlit                      | ✓                                                                            |
| Low Power Efficient-core Base Frequency      | 700 MHz                                 | Spill-resistant keyboard              | ✓                                                                            |
| Processor cache                              | 18 MB                                   | Keyboard layout                       | QWERTZ                                                                       |
| Processor cache type                         | Smart Cache                             | Keyboard language                     | German                                                                       |
| Processor base power                         | 28 W                                    | Software                              |                                                                              |
| Maximum turbo power                          | 115 W                                   | Operating system architecture         | 64-bit                                                                       |
| Neural processor unit (NPU)                  |                                         | Operating system installed *          | Windows 11 Pro                                                               |
| Neural processor unit (NPU)                  | Intel AI Boost                          | Battery                               |                                                                              |
| Sparsity support                             | ✓                                       | Battery technology                    | Lithium-Ion (Li-Ion)                                                         |
| Windows Studio effects support               | ✓                                       | Number of battery cells               | 3                                                                            |
| AI software frameworks supported by NPU      | DirectML, ONNX RT, OpenVINO, Windows ML | Battery capacity *                    | 50 Wh                                                                        |
| Memory                                       |                                         | Power                                 |                                                                              |
| Internal memory *                            | 16 GB                                   | AC adapter power                      | 65 W                                                                         |
| Internal memory type                         | DDR5-SDRAM                              | AC adapter frequency                  | 50 - 60 Hz                                                                   |
| Memory form factor                           | SO-DIMM                                 | AC adapter input voltage              | 100 - 240 V                                                                  |
| Memory layout (slots x size)                 | 1 x 16 GB                               | AC adapter output current             | 3.25 A                                                                       |
| Memory slots                                 | 2x SO-DIMM                              | AC adapter output voltage             | 20 V                                                                         |
| Maximum internal memory *                    | 64 GB                                   | USB Type-C charging port *            | ✓                                                                            |
| Storage                                      |                                         | USB Power Delivery (USB PD)           | ✓                                                                            |
| Total storage capacity *                     | 512 GB                                  | Security                              |                                                                              |
| Storage media *                              | SSD                                     | Cable lock slot                       | ✓                                                                            |
| Total SSDs capacity                          | 512 GB                                  | Cable lock slot type                  | Kensington                                                                   |
| Number of SSDs installed                     | 1                                       | Fingerprint reader                    | ✓                                                                            |
| SSD capacity                                 | 512 GB                                  | Smart card reader                     | ✓                                                                            |
| SSD interface                                | PCI Express 4.0                         | Trusted Platform Module (TPM)         | ✓                                                                            |
| NVMe                                         | ✓                                       | Trusted Platform Module (TPM) version | 2.0                                                                          |
| SSD form factor                              | M.2                                     | Password protection                   | ✓                                                                            |
| M.2 SSD size                                 | 2280 (22 x 80 mm)                       | Password protection type              | BIOS, HDD, User                                                              |
| Optical drive type *                         | ✗                                       | Certificates                          |                                                                              |
| Card reader integrated                       | ✓                                       | Compliance certificates               | REACH                                                                        |
| Compatible memory cards                      | MicroSD (TransFlash)                    | Sustainability                        |                                                                              |
| Graphics                                     |                                         | Sustainability certificates           | ENERGY STAR, EPEAT Climate +, Forest Stewardship Council (FSC) Recycled, TCO |
| Discrete graphics card model *               | Not available                           | Weight & dimensions                   |                                                                              |
| On-board graphics card *                     | ✓                                       | Width                                 | 315.1 mm                                                                     |
| On-board GPU manufacturer                    | Intel                                   | Depth                                 | 226.8 mm                                                                     |
| Discrete graphics card *                     | ✗                                       | Height (front)                        | 1.89 cm                                                                      |
| On-board graphics card family                | Intel Arc Graphics                      | Height (rear)                         | 1.9 cm                                                                       |
| On-board graphics card model *               | Intel Arc Graphics                      | Weight *                              | 1.49 kg                                                                      |
|                                              |                                         | Packaging data                        |                                                                              |
|                                              |                                         | Package width                         | 429 mm                                                                       |
|                                              |                                         | Package depth                         | 65 mm                                                                        |
|                                              |                                         | Package height                        | 270 mm                                                                       |
|                                              |                                         | Package weight                        | 1.74 kg                                                                      |
|                                              |                                         | Packaging content                     |                                                                              |
|                                              |                                         | AC adapter included *                 | ✓                                                                            |



4711636142939

### Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.