**ASUS**

# ASUS ExpertBook B1 B1402CV-EBi715X Intel® Core™ i7 i7-1355U Laptop 35.6 cm (14") Full HD 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

**Brand :** ASUS

**Product name :** B1402CV-EBi715X

**Product family:** ExpertBook

**Product code:** 90NX06W1-M01FM0

- Windows 11 Pro 64-bit
- Intel Core i7-1355U (12MB Cache)
- 35.6 cm (14") Full HD 1920 x 1080
- 16GB DDR4-SDRAM & 512GB SSD

Intel Core i7-1355U (12MB Cache), 16GB DDR4-SDRAM, 512GB SSD, 35.6 cm (14") Full HD 1920 x 1080, Intel UHD Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit
ASUS ExpertBook B1 B1402CV-EBi715X. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1355U. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 1.46 kg
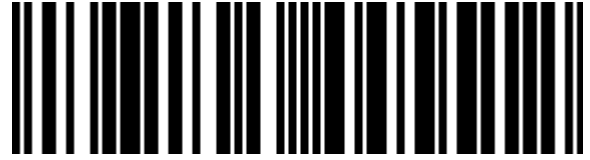
| **Design** | |
| --- | --- |
| Colour name | Star Black |
| Product type * | Laptop |
| Product colour * | Black |
| Form factor * | Clamshell |
| Housing material | Plastic |
| Market positioning | Work |
| Introduction year | 2023 |

| **Display** | |
| --- | --- |
| Display diagonal * | 35.6 cm (14") |
| Display resolution * | 1920 x 1080 pixels |
| Touchscreen * | ✖ |
| HD type | Full HD |
| LED backlight | ✔ |
| Native aspect ratio | 16:9 |
| Anti-glare screen | ✔ |
| Display brightness | 250 cd/m² |
| RGB colour space | NTSC |
| Colour gamut | 45% |
| Maximum refresh rate | 60 Hz |
| Contrast ratio (typical) | 700:1 |

| **Processor** | |
| --- | --- |
| Processor manufacturer * | Intel |
| Processor family * | Intel® Core™ i7 |
| Processor generation | 13th gen Intel® Core™ i7 |
| Processor model * | i7-1355U |
| Processor cores | 10 |
| Processor threads | 12 |
| Processor boost frequency | 5 GHz |

| **Camera** | |
| --- | --- |
| Front camera | ✔ |
| Front camera resolution | 1280 x 720 pixels |
| Front camera HD type | HD |
| Privacy camera | ✔ |
| Privacy type | Privacy shutter |

| **Network** | |
| --- | --- |
| Top Wi-Fi standard * | Wi-Fi 6E (802.11ax) |
| Wi-Fi standards | Wi-Fi 6E (802.11ax) |
| Mobile network connection * | ✖ |
| Antenna type | 2x2 |
| Ethernet LAN | ✔ |
| Ethernet LAN data rates | 10,100,1000 Mbit/s |
| Bluetooth | ✔ |
| Bluetooth version | 5.3 |

| **Ports & interfaces** | |
| --- | --- |
| USB 2.0 ports quantity * | 1 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1 |
| Ethernet LAN (RJ-45) ports | 1 |
| HDMI ports quantity * | 1 |
| HDMI version | 1.4 |
| Combo headphone/mic port | ✔ |
| Charging port type | USB Type-C |
| USB Type-C DisplayPort Alternate Mode | ✔ |

## Processor

| | |
|---|---|
| Performance cores | 2 |
| Efficient cores | 8 |
| Performance-core Max Turbo Frequency | 5 GHz |
| Efficient-core Max Turbo Frequency | 3.7 GHz |
| Processor cache | 12 MB |
| Processor cache type | Smart Cache |
| Processor base power | 15 W |
| Maximum turbo power | 55 W |

## Memory

| | |
|---|---|
| Internal memory * | 16 GB |
| Internal memory type | DDR4-SDRAM |
| Memory form factor | On-board + SO-DIMM |
| Memory slots | 1x SO-DIMM |
| Maximum internal memory * | 48 GB |

## Storage

| | |
|---|---|
| Total storage capacity * | 512 GB |
| Storage media * | SSD |
| Total SSDs capacity | 512 GB |
| Number of SSDs installed | 1 |
| SSD capacity | 512 GB |
| SSD interface | PCI Express 4.0 |
| NVMe | ✔ |
| SSD form factor | M.2 |
| Optical drive type * | ✘ |
| Card reader integrated | ✘ |

## Graphics

| | |
|---|---|
| Discrete graphics card model * | Not available |
| On-board graphics card * | ✔ |
| On-board GPU manufacturer | Intel |
| Discrete graphics card * | ✘ |
| On-board graphics card family | Intel® UHD Graphics |
| On-board graphics card model * | Intel® UHD Graphics |

## Audio

| | |
|---|---|
| Audio system | Dirac |
| Built-in microphone | ✔ |

## Ports & interfaces

| | |
|---|---|
| USB Power Delivery | ✔ |

## Keyboard

| | |
|---|---|
| Pointing device | Touchpad |
| Numeric keypad * | ✘ |
| Keyboard backlit | ✔ |

## Software

| | |
|---|---|
| Operating system architecture | 64-bit |
| Trial software | 1-month trial for new Microsoft 365 customers |
| Operating system installed * | Windows 11 Pro |

## Battery

| | |
|---|---|
| Battery technology | Lithium-Ion (Li-Ion) |
| Number of battery cells | 3 |
| Battery capacity * | 42 Wh |

## Power

| | |
|---|---|
| AC adapter power | 65 W |
| AC adapter frequency | 50 - 60 Hz |
| AC adapter input voltage | 100 - 240 V |
| AC adapter output current | 3.25 A |
| AC adapter output voltage | 20 V |

## Security

| | |
|---|---|
| Cable lock slot | ✔ |
| Cable lock slot type | Kensington |
| Fingerprint reader | ✔ |
| Trusted Platform Module (TPM) | ✔ |
| Trusted Platform Module (TPM) version | 2.0 |
| Password protection | ✔ |
| Password protection type | BIOS, HDD, User |

## Sustainability

| | |
|---|---|
| Sustainability compliance | ✔ |
| Sustainability certificates | ENERGY STAR, EPEAT Gold, REACH, RoHS, TCO |

## Weight & dimensions

| | |
|---|---|
| Width | 326.9 mm |
| Depth | 214.5 mm |
| Height | 19.9 mm |
| Weight * | 1.46 kg |

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