

## ASUS ExpertBook Ultra B9406CAA-TH0579X Copilot+ PC Intel Core Ultra 7 356H Laptop 35.6 cm (14") WQXGA+ 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro US International Grey

**Brand :** ASUS

**Product family:** ExpertBook

**Product code:** 90NX09J2-M00M50

**Product name :** B9406CAA-TH0579X Copilot+ PC

Intel Core Ultra 7 356H (18MB Cache), 32GB LPDDR5x-SDRAM, 1000GB SSD, 35.6 cm (14") WQXGA+ 2880 x 1800 OLED, Intel Graphics, WLAN, Webcam, Windows 11 Pro 64-bit

ASUS ExpertBook Ultra B9406CAA-TH0579X Copilot+ PC Intel Core Ultra 7 356H Laptop 35.6 cm (14") WQXGA+ 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro US International Grey:

### Brilliance in Motion

ASUS ExpertBook Ultra unleashes uncompromised performance with precise craftsmanship. Its all-metal chassis weighs just 0.99 kg1 yet delivers 9H durability through Nano Ceramic Technology. Powered by up to an Intel® Core™ Ultra X9 Series 3 processor with Intel® Arc™ graphics, it harnesses AI acceleration to achieve next-level performance enabled by ExpertCool Pro thermal mastery with up to 50W TDP.

ASUS ExpertGuardian with NIST SP 800-193-compliant security ensures ultimate protection and data integrity. ExpertLumi lighting incorporates a welcoming ambient glow. Elegant, intelligent, and refined — ASUS ExpertBook Ultra defines the new pinnacle of premium business laptops.



| Design                               |                               | Graphics                                        |                    |
|--------------------------------------|-------------------------------|-------------------------------------------------|--------------------|
| Colour name                          | Jet Fog                       | On-board graphics card family                   | Intel® Graphics    |
| Product type *                       | Laptop                        | On-board graphics card model *                  | Intel® Graphics    |
| Product colour *                     | Grey                          | <b>Audio</b>                                    |                    |
| Form factor *                        | Clamshell                     | Audio system                                    | Dolby Atmos        |
| Market positioning                   | Work                          | Built-in microphone                             | ✓                  |
| Certified refurbished                | ✗                             | <b>Camera</b>                                   |                    |
| <b>Display</b>                       |                               | Front camera                                    | ✓                  |
| Display diagonal *                   | 35.6 cm (14")                 | Front camera resolution                         | 1920 x 1080 pixels |
| Display resolution *                 | 2880 x 1800 pixels            | Front camera HD type                            | Full HD            |
| HD type                              | WQXGA+                        | Infrared (IR) camera                            | ✓                  |
| Panel type                           | OLED                          | Privacy camera                                  | ✓                  |
| Native aspect ratio                  | 16:10                         | Privacy type                                    | Privacy shutter    |
| Anti-glare screen                    | ✓                             | <b>Network</b>                                  |                    |
| Display brightness                   | 600 cd/m²                     | Top Wi-Fi standard *                            | Wi-Fi 7 (802.11be) |
| Maximum display brightness (HDR)     | 1400 cd/m²                    | Wi-Fi standards                                 | Wi-Fi 7 (802.11be) |
| RGB colour space                     | DCI-P3                        | Mobile network connection *                     | ✗                  |
| Colour gamut                         | 100%                          | Antenna type                                    | 2x2                |
| Maximum refresh rate                 | 120 Hz                        | Ethernet LAN                                    | ✗                  |
| <b>Processor</b>                     |                               | Bluetooth                                       | ✓                  |
| Processor manufacturer *             | Intel                         | Bluetooth version                               | 6.0                |
| Processor family *                   | Intel Core Ultra 7            | <b>Ports &amp; interfaces</b>                   |                    |
| Processor generation                 | Intel® Core™ Ultra (Series 3) | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 2                  |
| Processor model *                    | 356H                          | HDMI ports quantity *                           | 1                  |
| Processor cores                      | 16                            | HDMI version                                    | 2.1                |
| Processor threads                    | 16                            | Thunderbolt 4 ports quantity                    | 2                  |
| Processor boost frequency            | 4.7 GHz                       | Intel® Thunderbolt 4                            | ✓                  |
| Performance cores                    | 4                             | Combo headphone/mic port                        | ✓                  |
| Efficient cores                      | 8                             |                                                 |                    |
| Low Power Efficient-cores            | 4                             |                                                 |                    |
| Performance-core Max Turbo Frequency | 4.7 GHz                       |                                                 |                    |

| Processor                                    |                                                | Ports & interfaces                    |                                                        |
|----------------------------------------------|------------------------------------------------|---------------------------------------|--------------------------------------------------------|
| Efficient-core Max Turbo Frequency           | 3.5 GHz                                        | USB Type-C DisplayPort Alternate Mode | ✓                                                      |
| Low Power Efficient-core Max Turbo Frequency | 3.3 GHz                                        | <b>Keyboard</b>                       |                                                        |
| Performance-core base frequency              | 1.9 GHz                                        | Pointing device                       | Touchpad                                               |
| Efficient-core base frequency                | 1.5 GHz                                        | Numeric keypad *                      | ✗                                                      |
| Low Power Efficient-core Base Frequency      | 1500 MHz                                       | Keyboard backlit                      | ✓                                                      |
| Processor cache                              | 18 MB                                          | Keyboard layout                       | QWERTY                                                 |
| Neural processor unit (NPU)                  |                                                | Keyboard language                     | US International                                       |
| Copilot+ PC                                  | ✓                                              | Copilot key                           | ✓                                                      |
| Neural processor unit (NPU)                  | Intel AI Boost                                 | <b>Software</b>                       |                                                        |
| Sparsity support                             | ✓                                              | Operating system architecture         | 64-bit                                                 |
| Windows Studio effects support               | ✓                                              | Microsoft Copilot                     | ✓                                                      |
| AI software frameworks supported by NPU      | DirectML, OpenVINO, Windows ML, ONNX RT, WebNN | Operating system installed *          | Windows 11 Pro                                         |
| NPU performance up to                        | 50 TOPs                                        | <b>Battery</b>                        |                                                        |
| GPU performance up to                        | 40 TOPs                                        | Battery technology                    | Lithium-Ion (Li-Ion)                                   |
| Memory                                       |                                                | Number of battery cells               | 4                                                      |
| Internal memory *                            | 32 GB                                          | Battery capacity *                    | 70 Wh                                                  |
| Internal memory type                         | LPDDR5x-SDRAM                                  | <b>Power</b>                          |                                                        |
| Memory form factor                           | On-board                                       | AC adapter power                      | 90 W                                                   |
| Maximum internal memory *                    | 32 GB                                          | AC adapter frequency                  | 50 - 60 Hz                                             |
| Storage                                      |                                                | AC adapter input voltage              | 100 - 240 V                                            |
| Total storage capacity *                     | 1 TB                                           | AC adapter output current             | 4.5 A                                                  |
| Storage media *                              | SSD                                            | AC adapter output voltage             | 20 V                                                   |
| Total SSDs capacity                          | 1 TB                                           | USB Type-C charging port *            | ✓                                                      |
| Number of SSDs installed                     | 1                                              | USB Power Delivery (USB PD)           | ✓                                                      |
| SSD capacity                                 | 1 TB                                           | <b>Security</b>                       |                                                        |
| SSD interface                                | PCI Express 4.0                                | Fingerprint reader                    | ✓                                                      |
| NVMe                                         | ✓                                              | Face recognition                      | ✓                                                      |
| SSD form factor                              | M.2                                            | Windows Hello                         | ✓                                                      |
| M.2 SSD size                                 | 2280 (22 x 80 mm)                              | Trusted Platform Module (TPM)         | ✓                                                      |
| Optical drive type *                         | ✗                                              | Trusted Platform Module (TPM) version | 2.0                                                    |
| Card reader integrated                       | ✗                                              | Password protection                   | ✓                                                      |
| Graphics                                     |                                                | Password protection type              | BIOS                                                   |
| Discrete graphics card model *               | Not available                                  | <b>Certificates</b>                   |                                                        |
| On-board graphics card *                     | ✓                                              | Compliance certificates               | REACH                                                  |
| On-board GPU manufacturer                    | Intel                                          | <b>Sustainability</b>                 |                                                        |
| Discrete graphics card *                     | ✗                                              | Sustainability certificates           | ENERGY STAR, Forest Stewardship Council (FSC) Mix, TCO |
|                                              |                                                | <b>Weight &amp; dimensions</b>        |                                                        |
|                                              |                                                | Width                                 | 310.9 mm                                               |
|                                              |                                                | Depth                                 | 212.8 mm                                               |
|                                              |                                                | Height (front)                        | 1.09 cm                                                |
|                                              |                                                | Height (rear)                         | 1.64 cm                                                |
|                                              |                                                | Weight *                              | 990 g                                                  |
|                                              |                                                | <b>Packaging content</b>              |                                                        |
|                                              |                                                | AC adapter included *                 | ✓                                                      |
|                                              |                                                | Bag included                          | ✓                                                      |



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### Catalog Object Cloud



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