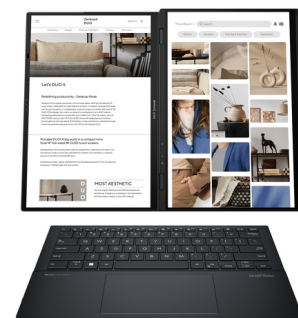


# ASUS Zenbook Duo UX8406MA-QL308X Intel Core Ultra 7 155H Hybrid (2-in-1) 35.6 cm (14") Touchscreen WUXGA 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grey



**Brand :** ASUS

**Product family:** Zenbook

**Product code:** 90NB12U1-M00FJ0

**Product name :** UX8406MA-QL308X

- Windows 11 Pro 64-bit
- Intel Core Ultra 7 155H (24MB Cache)
- 35.6 cm (14") WUXGA 1920 x 1200 OLED Touch
- 16GB LPDDR5x-SDRAM & 1000GB SSD

Intel Core Ultra 7 155H (24MB Cache), 16GB LPDDR5x-SDRAM, 1000GB SSD, 35.6 cm (14") WUXGA 1920 x 1200 OLED Touch, Intel Arc Graphics, WLAN, Webcam, Windows 11 Pro 64-bit

ASUS Zenbook Duo UX8406MA-QL308X. Product type: Hybrid (2-in-1), Form factor: Convertible (Detachable). Processor family: Intel Core Ultra 7, Processor model: 155H. Display diagonal: 35.6 cm (14"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics. Operating system installed: Windows 11 Pro. Product colour: Grey

| Design                              |                          | Graphics                                          |                     |
|-------------------------------------|--------------------------|---------------------------------------------------|---------------------|
| Colour name                         | Inkwell Gray             | Discrete graphics card model *                    | Not available       |
| Product type *                      | Hybrid (2-in-1)          | On-board graphics card *                          | ✓                   |
| Product colour *                    | Grey                     | On-board GPU manufacturer                         | Intel               |
| Form factor *                       | Convertible (Detachable) | Discrete graphics card *                          | ✗                   |
| Housing material                    | Aluminium, Magnesium     | On-board graphics card family                     | Intel Arc Graphics  |
| Market positioning                  | Home                     | On-board graphics card model *                    | Intel Arc Graphics  |
| Introduction year                   | 2024                     | Audio                                             |                     |
| Display                             |                          | Audio system                                      | Smart Amp           |
| Display diagonal *                  | 35.6 cm (14")            | Speakers manufacturer                             | Harman Kardon       |
| Display resolution *                | 1920 x 1200 pixels       | Built-in microphone                               | ✓                   |
| Touchscreen *                       | ✓                        | Camera                                            |                     |
| HD type                             | WUXGA                    | Front camera                                      | ✓                   |
| Panel type                          | OLED                     | Front camera resolution                           | 1920 x 1080 pixels  |
| Native aspect ratio                 | 16:10                    | Front camera HD type                              | Full HD             |
| Display surface                     | Gloss                    | Infrared (IR) camera                              | ✓                   |
| Display brightness                  | 400 cd/m²                | Network                                           |                     |
| Maximum display brightness (HDR)    | 500 cd/m²                | Top Wi-Fi standard *                              | Wi-Fi 6E (802.11ax) |
| RGB colour space                    | DCI-P3                   | Wi-Fi standards                                   | Wi-Fi 6E (802.11ax) |
| Colour gamut                        | 100%                     | Mobile network connection *                       | ✗                   |
| Display response rise/fall          | 0.2 ms                   | Antenna type                                      | 2x2                 |
| Maximum refresh rate                | 60 Hz                    | Ethernet LAN                                      | ✗                   |
| Contrast ratio (typical)            | 1000000:1                | Bluetooth                                         | ✓                   |
| High Dynamic Range (HDR) supported  | ✓                        | Bluetooth version                                 | 5.3                 |
| High Dynamic Range (HDR) technology | HDR True Black 500       | Ports & interfaces                                |                     |
| Processor                           |                          | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1                   |
| Processor manufacturer *            | Intel                    | HDMI ports quantity *                             | 1                   |
| Processor family *                  | Intel Core Ultra 7       |                                                   |                     |

| Processor                               |                                         | Ports & interfaces                    |                         |
|-----------------------------------------|-----------------------------------------|---------------------------------------|-------------------------|
| Processor generation                    | Intel® Core™ Ultra (Series 1)           | HDMI version                          | 2.1                     |
| Processor model *                       | 155H                                    | Thunderbolt 4 ports quantity          | 2                       |
| Processor cores                         | 16                                      | Intel® Thunderbolt 4                  | ✓                       |
| Processor boost frequency               | 4.8 GHz                                 | Combo headphone/mic port              | ✓                       |
| Performance cores                       | 6                                       | USB Type-C DisplayPort Alternate Mode | ✓                       |
| Efficient cores                         | 8                                       |                                       |                         |
| Performance-core Max Turbo Frequency    | 4.8 GHz                                 |                                       |                         |
| Efficient-core Max Turbo Frequency      | 3.8 GHz                                 |                                       |                         |
| Performance-core base frequency         | 1.4 GHz                                 |                                       |                         |
| Efficient-core base frequency           | 0.9 GHz                                 |                                       |                         |
| Efficient-core boost frequency          | 1.8 GHz                                 |                                       |                         |
| Processor cache                         | 24 MB                                   |                                       |                         |
| Processor cache type                    | Smart Cache                             |                                       |                         |
| Processor base power                    | 28 W                                    |                                       |                         |
| Maximum turbo power                     | 115 W                                   |                                       |                         |
| Neural processor unit (NPU)             |                                         | Performance                           |                         |
| Neural processor unit (NPU)             | Intel AI Boost                          | Repairability index                   | 7.5                     |
| Maximum frequency NPU                   | 1.4 GHz                                 |                                       |                         |
| Sparsity support                        | ✓                                       |                                       |                         |
| Windows Studio effects support          | ✓                                       |                                       |                         |
| AI datatype support on NPU              | FP16, FP32, Int8                        |                                       |                         |
| AI software frameworks supported by NPU | DirectML, ONNX RT, OpenVINO, Windows ML |                                       |                         |
| Memory                                  |                                         | Keyboard                              |                         |
| Internal memory *                       | 16 GB                                   | Pointing device                       | Touchpad                |
| Internal memory type                    | LPDDR5x-SDRAM                           | Numeric keypad *                      | ✗                       |
| Memory form factor                      | On-board                                |                                       |                         |
| Maximum internal memory *               | 16 GB                                   |                                       |                         |
| Storage                                 |                                         | Software                              |                         |
| Total storage capacity *                | 1 TB                                    | Operating system architecture         | 64-bit                  |
| Storage media *                         | SSD                                     | Operating system installed *          | Windows 11 Pro          |
| Total SSDs capacity                     | 1 TB                                    |                                       |                         |
| Number of SSDs installed                | 1                                       |                                       |                         |
| SSD capacity                            | 1 TB                                    |                                       |                         |
| SSD interface                           | PCI Express 4.0                         |                                       |                         |
| NVMe                                    | ✓                                       |                                       |                         |
| SSD form factor                         | M.2                                     |                                       |                         |
| Optical drive type *                    | ✗                                       |                                       |                         |
|                                         |                                         | Battery                               |                         |
|                                         |                                         | Battery technology                    | Lithium-Ion (Li-Ion)    |
|                                         |                                         | Number of battery cells               | 4                       |
|                                         |                                         | Battery capacity *                    | 75 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                    |
|                                         |                                         | USB Type-C charging port *            | ✓                       |
|                                         |                                         | USB Power Delivery (USB PD)           | ✓                       |
|                                         |                                         | Security                              |                         |
|                                         |                                         | Face recognition                      | ✓                       |
|                                         |                                         | Windows Hello                         | ✓                       |
|                                         |                                         | Trusted Platform Module (TPM)         | ✓                       |
|                                         |                                         | Trusted Platform Module (TPM) version | 2.0                     |
|                                         |                                         | Certificates                          |                         |
|                                         |                                         | Compliance certificates               | RoHS                    |
|                                         |                                         | Sustainability                        |                         |
|                                         |                                         | Sustainability compliance             | ✓                       |
|                                         |                                         | Sustainability certificates           | EPEAT Gold, ENERGY STAR |
|                                         |                                         | Weight & dimensions                   |                         |
|                                         |                                         | Width                                 | 313.5 mm                |
|                                         |                                         | Depth                                 | 217.9 mm                |
|                                         |                                         | Height (front)                        | 1.46 cm                 |
|                                         |                                         | Height (rear)                         | 1.99 cm                 |
|                                         |                                         | Weight *                              | 1.65 kg                 |
|                                         |                                         | Packaging content                     |                         |
|                                         |                                         | Bag included                          | ✓                       |
|                                         |                                         | Stylus pen                            | ✓                       |



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### Catalog Object Cloud



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