



**Notebook ASUS  
ZenBook Series  
DUO UX8406CA-  
PZ009W CPU  
Core Ultra U9-  
285H 2900 MHz  
14 Touchscreen  
2880x1800 RAM  
32GB LPDDR5x  
SSD 2TB Intel  
Arc Graphics  
Integrated ENG  
Windows 11  
Home Grey 1.65  
kg 90NB14X1-  
M00820**

Model: 90NB14X1-M00820

Manufacturer: ASUS

EAN: 197105823570

Product Code: 42305

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**R43,531** R60,432

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## **Let's DUO it**

ASUS Zenbook DUO is a revolutionary dual-screen laptop, with two full-size OLED touchscreens<sup>1</sup>, detachable full-size keyboard and built-in kickstand, — expertly combining multitasking versatility with superb mobility. With dual 14-inch 3K OLED 120 Hz displays, you can instantly expand your workspace to up to 19.8 inches. Outstanding performance is assured with up to an AI-powered Intel® Core™ Ultra 9 processor and 32 GB LPDDR5x memory, plus up to a 2 TB PCIe® 4.0 SSD. Paired with dedicated smart software, intuitive gesture control and an enhanced-lifespan 75 Wh battery, the easy-to-use Zenbook DUO maximizes productivity, with zero fuss. Come on — Let's DUO it.

Portable DUO

## **Compact with a big vision**

Two stunning 14-inch ASUS Lumina OLED touchscreens<sup>2</sup> provide up to 19.8 inches of workspace, instantly — all in one incredibly versatile, easily portable device.

## **Easily charge and connect with keyboard**

Pogo pin connection – power and pair in one click

## **Detachable full-size keyboard**

## **Built-in kickstand**

40°-70° viewing angle, adjustable height

## **Elegant and stylish sleeve<sup>1</sup>**

Enjoy the optional 12° viewing angle, and space to store your Zenbook DUO and ASUS Pen 2.0.

## **Pencil drawing, on a laptop**

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With the sensitivity of 4096 pressure levels, ASUS Pen 2.03 (optional) allows you to accurately reproduce the finest lines and shading.

## Multi-screen Mobility

### **The perfect laptop for digital nomads**

Zenbook DUO seamlessly blends the efficiency of a traditional laptop with the versatility of a multi-screen device — while still prioritizing exceptional portability.

## VERSATILITY

### **Redefining productivity**

The versatile dual-screen design feels like using a desktop on the go, putting a huge workspace in ultraportable form.

### **Dual-screen mode (With Bluetooth keyboard)**

Double your screen real estate, and reference one screen while working on another. This eliminates the need to constantly switch tabs or windows, reducing interruptions and helping you maintain your focus on the task at hand.

### **Dual-screen mode (With virtual keyboard)**

The lower screen can be configured as a full-size virtual keyboard. With two screens, you can be more productive and enjoy more immersive entertainment.

### **Sharing mode**

Easily share content in meetings and presentations business. Just lay Zenbook DUO flat and everyone can view the screens without having to huddle around, fostering better engagement and discussion.

### **Laptop mode**

Drop the ASUS ErgoSense Bluetooth keyboard and touchpad onto the lower display and enjoy a traditional laptop-style experience, replete with a 14-inch display and tall 16:10 aspect ratio.

### **Intuitive Design**

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Smartphone-like gesture control

Delightful software features put convenience at your fingertips.

Display

### **DUAL 3K 120 Hz OLED**

Dual 16:10 14-inch 3K (2880 by 1800) ASUS Lumina OLED touch displays enlarge your outlook, with up to 500 nits brightness, and 91% screen-to-body ratio.

Performance

### **Powerfully production**

Zenbook DUO delivers powerful performance and AI Ready features. The blistering fast processor, dedicated NPU and graphics makes tasks easier with nowadays AI enhancement. Its up to 2 TB SSD storage, 32 GB RAM and WiFi 6E10 allow you explore more.

Windows 11

### **Your time is valuable**

So, don't waste it doing things the hard way. Windows 11 brings a fresh experience with new ways to get things done in a fast, fun, and easy kind of way.

Thermal Technology

### **Advanced cooling system**

All these powerful components need to be cooled effectively in order to reach their full potential. Zenbook DUO adds a heat spreader between the motherboard and the OLED panel as part of the advanced cooling system, which allows the CPU and GPU to run at up to a 35 W combined TDP, without throttling!

Connectivity

### **All the ports you need**

ASUS Zenbook DUO packs in all the connections you need. The two ultrafast Thunderbolt 4 USB-C ports support fast charging, two 4K 60 Hz or one 8K 60Hz external displays, and up to 40 Gbps data transfers.

Battery

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## Long-lasting battery

There's no need to panic if power outlets are in short supply: Zenbook DUO's long-lasting 75 Wh battery can keep you productive for up to 8 hours. And when it's time to charge, there's no need to slow down — in just 49 minutes you can top it up to a 60% charge level. The redesigned 75 Wh high-capacity battery has an eco-friendly extended lifespan that supports up to 20% more charging cycles than the previous generation.

## Smart Conferencing

### ASUS AiSense Camera and AI Noise Cancelation

Take back control of your meetings with our innovative camera system and ASUS AI Noise-Canceling Technology, with new algorithms to make your conference calls even more productive.

## Security

### Your privacy, our priority

Stay secure with the camera privacy shield and fast, password-free face login.

## Audio

### Great audio experience

Enjoy enhanced listening experiences with a smart amplifier and ASUS Audio Booster.

## Military Grade

### US Military-Grade Laptop Durability

ASUS consumer laptops meet the ultra-demanding MIL-STD 810H military standard<sup>20</sup> for reliability and durability, undergoing a punishing test regime that includes extended tests for operation in harsh environments. These factors also help improve the laptops' longevity and hence their sustainability, so you can work, travel or relax with the confidence that your ASUS laptop is ready for the real world — today, and long into the future.

- Windows 11 Home 64-bit
- Intel Core Ultra 9 285H (24MB Cache)
- 35.6 cm (14") 3K 2880 x 1800 OLED Touch
- 32GB LPDDR5x-SDRAM & 2000GB SSD

Summary: ASUS Zenbook Duo UX8406CA-PZ009W. Product type: Hybrid (2-in-1), Form factor:

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Convertible (Detachable). Processor family: Intel Core Ultra 9, Processor model: 285H. Display diagonal: 35.6 cm (14"), HD type: 3K, Display resolution: 2880 x 1800 pixels, Touchscreen. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. On-board graphics card model: Intel Arc 140T. Operating system installed: Windows 11 Home. Product colour: Grey | Vendor Homepage: <https://www.asus.com/laptops/for-home/zenbook/asus-zenbook-duo-2024-ux8406/> | Efficient cores: 8 | Efficient-core base frequency: 2.7 | Efficient-core Max Turbo Frequency: 4.5 | Low Power Efficient-core Base Frequency: 1000 | Low Power Efficient-core Max Turbo Frequency: 2.5 | Low Power Efficient-cores: 2 | Maximum turbo power: 115 | Performance cores: 6 | Performance-core base frequency: 2.9 | Performance-core Max Turbo Frequency: 5.4 | Processor base power: 45 | Processor boost frequency: 5.4 | Processor cache: 24 | Processor cores: 16 | Processor family: Intel Core Ultra 9 | Processor generation: Intel Core Ultra (Series 2) | Processor manufacturer: Intel | Processor model: 285H | Processor threads: 16 | Colour gamut: 100 | Contrast ratio (typical): 1000000:1 | Display brightness: 400 | Display diagonal: 14 | Display number of colours: 1.07 billion colours | Display resolution: 2880 x 1800 | Display response rise/fall: 0.2 | Display surface: Gloss | HD type: 3K | High Dynamic Range (HDR) supported: Yes | High Dynamic Range (HDR) technology: HDR True Black 500 | Low Blue Light technology: Yes | Maximum display brightness (HDR): 500 | Maximum refresh rate: 120 | Native aspect ratio: 16:10 | Panel type: OLED | RGB colour space: DCI-P3 | Touchscreen: Yes | Colour name: Inkwell Gray | Form factor: Convertible (Detachable) | Housing material: Aluminium,Magnesium | Introduction year: 2024 | Market positioning: Home | Product colour: Grey | Product type: Hybrid (2-in-1) | AI software frameworks supported by NPU: DirectML/ONNX RT/OpenVINO/WebNN/Windows ML | GPU performance up to: 77 | Neural processor unit (NPU): Intel AI Boost | NPU performance up to: 13 | Sparsity support: Yes | Total processor performance up to: 99 | Windows Studio effects support: Yes | Internal memory: 32 | Internal memory type: LPDDR5x-SDRAM | Maximum internal memory: 32 | Memory form factor: On-board | Number of SSDs installed: 1 | NVMe: Yes | Optical drive type: No | SSD capacity: 2000 | SSD form factor: M.2 | SSD interface: PCI Express 4.0 | Storage media: SSD | Total SSDs capacity: 2000 | Total storage capacity: 2000 | Discrete graphics card: No | Discrete graphics card model: Not available | On-board GPU manufacturer: Intel | On-board graphics card: Yes | On-board graphics card family: Intel Arc Graphics | On-board graphics card model: Intel Arc 140T | Audio system: Smart Amp | Built-in microphone: Yes | Speakers manufacturer: Harman Kardon | Front camera: Yes | Front camera HD type: Full HD | Front camera resolution: 1920 x 1080 | Infrared (IR) camera: Yes | Antenna type: 2x2 | Bluetooth: Yes | Bluetooth version: 5.4 | Ethernet LAN: No | Mobile network connection: No | Top Wi-Fi standard: Wi-Fi 7 (802.11be) | Wi-Fi standards: Wi-Fi 7

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(802.11be) | Combo headphone/mic port: Yes | HDMI ports quantity: 1 | HDMI version: 2.1 | Intel® Thunderbolt 4: Yes | Thunderbolt 4 ports quantity: 2 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 1 | USB Type-C DisplayPort Alternate Mode: Yes | Repairability index: 9.4 | Numeric keypad: No | Pointing device: Touchpad | Operating system architecture: 64-bit | Operating system installed: Windows 11 Home | Battery capacity: 75 | Battery life (max): 8 | Battery technology: Lithium-Ion (Li-Ion) | Number of battery cells: 4 | AC adapter frequency: 50 - 60 | AC adapter input voltage: 100 - 240 | AC adapter output current: 3.25 | AC adapter output voltage: 20 | AC adapter power: 65 | USB Power Delivery (USB PD): Yes | USB Type-C charging port: Yes | Face recognition: Yes | Trusted Platform Module (TPM): Yes | Windows Hello: Yes | Sustainability certificates: ENERGY STAR/EPEAT Gold | Depth: 217.9 | Height (front): 14.6 | Height (rear): 19.9 | Weight: 1650 | Width: 313.5 | AC adapter included: Yes | NB Family name: ZenBook Series | Model name: DUO | Units per Shipping Box: 1 | Unit Calculated Volume: 0.01288 | Unit Calculated Weight: 3.45

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