ASUS Zenbook Duo UX8406CA-DS91T-CA Intel Core Ultra 9 285H Hybrid (2-in-1) 35.6 cm (14") Touchscreen WUXGA 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Grey

Brand : ASUS Product family: Zenbook Product code: 90NB14X1-M00AY0

Product name: UX8406CA-

DS91T-CA

- Windows 11 Home 64-bit
- Intel Core Ultra 9 285H (24MB Cache)
- 35.6 cm (14") WUXGA 1920 x 1200 OLED Touch
- 16GB LPDDR5x-SDRAM & 1000GB SSD

Intel Core Ultra 9 285H (24MB Cache), 16GB LPDDR5x-SDRAM, 1000GB SSD, 35.6 cm (14") WUXGA 1920 x 1200 OLED Touch, Intel Arc 140T, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Zenbook Duo UX8406CA-DS91T-CA. Product type: Hybrid (2-in-1), Form factor: Convertible (Detachable). Processor family: Intel Core Ultra 9, Processor model: 285H. 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 140T. Operating system installed: Windows 11 Home. Product colour: Grey





Design		Storage	
Colour name Product type * Product colour * Form factor * Housing material Market positioning Introduction year	Inkwell Gray Hybrid (2-in-1) Grey Convertible (Detachable) Aluminium, Magnesium Home 2024	Number of SSDs installed SSD capacity SSD interface NVMe SSD form factor Optical drive type *	1 1 TB PCI Express 4.0 ✓ M.2 ×
Display		Graphics	
Display diagonal * Display resolution * Touchscreen * HD type Panel type	35.6 cm (14") 1920 x 1200 pixels ✓ WUXGA OLED	On-board graphics card model * On-board GPU manufacturer Discrete graphics card * On-board graphics card family On-board graphics card model *	Not available Intel Intel Intel Arc Graphics Intel Arc 140T
Display number of colours Native aspect ratio	1.07 billion colours 16:10	Audio	
Display surface Display brightness Maximum display brightness (HDR)	Gloss 400 cd/m ²	Audio system Speakers manufacturer Built-in microphone	Smart Amp Harman Kardon ✓
RGB colour space	DCI-P3	Camera	
Colour gamut Low Blue Light technology Display response rise/fall Maximum refresh rate Contrast ratio (typical)	100% 0.2 ms 60 Hz 1000000:1	Front camera Front camera resolution Front camera HD type Infrared (IR) camera	✓ 1920 x 1080 pixels Full HD
High Dynamic Range (HDR)	✓	Network	
supported High Dynamic Range (HDR) technology	HDR True Black 500	Top Wi-Fi standard * Wi-Fi standards	Wi-Fi 7 (802.11be) Wi-Fi 7 (802.11be)
Processor		Mobile network connection *	X 2x2
Processor manufacturer * Processor family * Processor generation Processor model *	Intel Intel Core Ultra 9 Intel Core Ultra (Series 2) 285H	Antenna type Ethernet LAN Bluetooth Bluetooth version	× ✓ 5.4

Processor		Ports & interfaces	
Processor cores Processor threads	16 16	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor boost frequency	5.4 GHz	HDMI ports quantity *	1
Performance cores	6	HDMI version	2.1
Efficient cores	8	Thunderbolt 4 ports quantity	2
Low Power Efficient-cores	2	Intel® Thunderbolt 4	✓
Performance-core Max Turbo	5.4 GHz	Combo headphone/mic port	✓
Frequency Efficient-core Max Turbo Frequency	4.5 GHz	USB Type-C DisplayPort Alternate Mode	✓
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Keyboard	
Performance-core base frequency	2.9 GHz	Pointing device	Touchpad
Efficient-core base frequency	2.7 GHz	Numeric keypad *	×
Low Power Efficient-core Base Frequency	1000 MHz	Software	
Processor cache	24 MB	Operating system architecture	64-bit
Processor base power	45 W	Operating system installed *	Windows 11 Home
Maximum turbo power	115 W	Battery	
Neural processor unit (NPU)		Battery technology	Lithium-Ion (Li-Ion)
Neural processor unit (NPU)	Intel Al Boost	Number of battery cells	4
Sparsity support	✓	Battery capacity *	75 Wh
Windows Studio effects support	·	Battery life (max)	8 h
Al software frameworks supported	DirectML, OpenVINO, Windows ML,	Power	
by NPU	ONNX RT, WebNN	AC adapter power	65 W
Total processor performance up to	99 TOPs	AC adapter frequency	50 - 60 Hz
NPU performance up to	13 TOPs	AC adapter input voltage	100 - 240 V
GPU performance up to	77 TOPs	AC adapter output current	3.25 A
Memory		AC adapter output voltage	20 V
Internal memory *	16 GB	USB Type-C charging port *	✓
Internal memory type	LPDDR5x-SDRAM	USB Power Delivery (USB PD)	✓
Memory form factor	On-board	Security	
Maximum internal memory *	16 GB	•	
Storage		Face recognition	✓
Total storage capacity *	1 TB	Windows Hello	•
- ' -	SSD	Trusted Platform Module (TPM)	✓
Storage media * Total SSDs capacity	1 TB	Sustainability	
		Sustainability certificates	ENERGY STAR, EPEAT Gold
		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	
		AC adapter included *	✓



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