

ASUS Zenbook Duo UX8406CA-QL331W Intel Core Ultra 9 285H Hybrid (2-in-1) 35.6 cm (14") Touchscreen WUXGA 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Grey QWERTZ German

Brand : ASUS

Product family: Zenbook

Product code: 90NB14X1-M00L60

Product name : UX8406CA-QL331W

- Windows 11 Home 64-bit
- Intel Core Ultra 9 285H (24MB Cache)
- 35.6 cm (14") WUXGA 1920 x 1200 OLED Touch
- 32GB LPDDR5x-SDRAM & 1000GB SSD

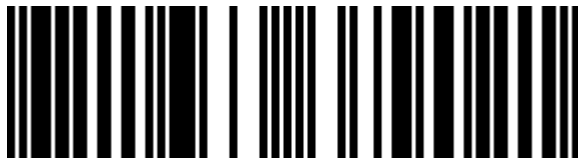
Intel Core Ultra 9 285H (24MB Cache), 32GB LPDDR5x-SDRAM, 1000GB SSD, 35.6 cm (14") WUXGA 1920 x 1200 OLED Touch, Intel Arc 140T, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Zenbook Duo UX8406CA-QL331W. 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: 32 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		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 140T
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
Display number of colours	1.07 billion colours	Front camera HD type	Full HD
Native aspect ratio	16:10	Infrared (IR) camera	✓
Display surface	Gloss	Network	
Display brightness	400 cd/m²	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Maximum display brightness (HDR)	550 cd/m²	Wi-Fi standards	Wi-Fi 7 (802.11be)
RGB colour space	DCI-P3	Mobile network connection *	✗
Colour gamut	100%	Antenna type	2x2
Low Blue Light technology	✓	Ethernet LAN	✗
Display response rise/fall	0.2 ms	Bluetooth	✓
Maximum refresh rate	60 Hz	Bluetooth version	5.4
Contrast ratio (typical)	1000000:1		
High Dynamic Range (HDR) supported	✓		

Display		Ports & interfaces	
High Dynamic Range (HDR) technology	HDR True Black 500	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	2.1
Processor family *	Intel Core Ultra 9	Thunderbolt 4 ports quantity	2
Processor generation	Intel Core Ultra (Series 2)	Intel® Thunderbolt 4	✓
Processor model *	285H	Combo headphone/mic port	✓
Processor cores	16	USB Type-C DisplayPort Alternate Mode	✓
Processor threads	16	Keyboard	
Processor boost frequency	5.4 GHz	Pointing device	Touchpad
Performance cores	6	Numeric keypad *	✗
Efficient cores	8	Keyboard layout	QWERTZ
Low Power Efficient-cores	2	Keyboard language	German
Performance-core Max Turbo Frequency	5.4 GHz	Software	
Efficient-core Max Turbo Frequency	4.5 GHz	Operating system architecture	64-bit
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Operating system installed *	Windows 11 Home
Performance-core base frequency	2.9 GHz	Battery	
Efficient-core base frequency	2.7 GHz	Battery technology	Lithium-Ion (Li-Ion)
Low Power Efficient-core Base Frequency	1000 MHz	Number of battery cells	4
Processor cache	24 MB	Battery capacity *	75 Wh
Processor base power	45 W	Battery life (max)	8 h
Maximum turbo power	115 W	Power	
Neural processor unit (NPU)		AC adapter power	65 W
Neural processor unit (NPU)	Intel AI Boost	AC adapter frequency	50 - 60 Hz
Sparsity support	✓	AC adapter input voltage	100 - 240 V
Windows Studio effects support	✓	AC adapter output current	3.25 A
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	AC adapter output voltage	20 V
Total processor performance up to	99 TOPs	USB Type-C charging port *	✓
NPU performance up to	13 TOPs	USB Type-C required charging power (min) *	45 W
GPU performance up to	77 TOPs	USB Type-C required charging power (max) *	65 W
Memory		USB Power Delivery (USB PD)	✓
Internal memory *	32 GB	Security	
Internal memory type	LPDDR5x-SDRAM	Face recognition	✓
Memory form factor	On-board	Windows Hello	✓
Maximum internal memory *	32 GB	Trusted Platform Module (TPM)	✓
Storage		Sustainability	
Total storage capacity *	1 TB	Sustainability certificates	ENERGY STAR, EPEAT Gold
Storage media *	SSD	Weight & dimensions	
Total SSDs capacity	1 TB	Width	313.5 mm
Number of SSDs installed	1	Depth	217.9 mm
SSD capacity	1 TB	Height (front)	1.46 cm
SSD interface	PCI Express 4.0	Height (rear)	1.99 cm
NVMe	✓	Weight *	1.65 kg
SSD form factor	M.2	Packaging data	
Optical drive type *	✗	Package width	456 mm
		Package depth	102 mm
		Package height	284 mm
		Packaging content	
		AC adapter included *	✗
		Bag included	✓
		Stylus pen	✓



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