

ASUS Zenbook 14 OLED UX3405CA-QL104W Intel Core Ultra 9 285H Laptop 35.6 cm (14") Touchscreen WUXGA 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Blue

Brand : ASUS

Product family: Zenbook

Product code: 90NB14W3-M00990

Product name : UX3405CA-QL104W



- 14.9 mm thin and 1.28 kg light design
 - Intel® Evo™ edition device with Intel® Core™ Ultra 9 processor (Series 2)
 - Up to 18 hours of battery life with extended charging cycles
 - Stunning WUXGA(WU) 1920x1200 60Hz 16:10 OLED display with Adaptive sync
 - Full I/O ports with 2 Thunderbolt™ 4 USB-C®, an USB 3.2 Type-A, a standard HDMI® port, alongside an audio jack
 - Privacy protection: physical webcam shield with Windows hello IR camera
 - Best online meeting experience: ASUS AI camera with AI Noise Cancellation systems
 - Upgraded sound experience: super-linear speakers to increase sound volume; Harmon Kardon certified Dolby Atmos stereo provides immersive soundscape
 - ASUS ErgoSense quiet keyboard for easy typing
 - Recycled materials used, FSC™ Mix-certified packaging
 - US military-grade laptop durability
- UX3405CA



Design		Graphics	
Colour name	Ponder Blue	Discrete graphics card model *	Not available
Product type *	Laptop	On-board graphics card *	✓
Product colour *	Blue	On-board GPU manufacturer	Intel
Form factor *	Clamshell	Discrete graphics card *	✗
Housing material	Aluminium	On-board graphics card family	Intel Arc Graphics
Market positioning	Home	On-board graphics card model *	Intel Arc 140T
Country of origin	China	On-board graphics card 4K support	✓
Display		On-board graphics card 8K support	✓
Display diagonal *	35.6 cm (14")	Graphics card Open GL support	✓
Display resolution *	1920 x 1200 pixels	Audio	
Touchscreen *	✓	Audio system	Smart Amp
HD type	WUXGA	Built-in microphone	✓
Panel type	OLED	Camera	
Native aspect ratio	16:10	Front camera	✓
Display surface	Gloss	Front camera HD type	Full HD
Display brightness	400 cd/m²	Infrared (IR) camera	✓
Maximum display brightness (HDR)	500 cd/m²	Privacy camera	✓
RGB colour space	DCI-P3	Privacy type	Privacy shutter
Colour gamut	100%	Network	
Maximum refresh rate	60 Hz	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Contrast ratio (typical)	1000000:1	Wi-Fi standards	Wi-Fi 7 (802.11be)
High Dynamic Range (HDR) supported	✓	Mobile network connection *	✗
High Dynamic Range (HDR) technology	DisplayHDR True Black 500	Antenna type	2x2
Processor		Bluetooth	✓
Processor manufacturer *	Intel	Bluetooth version	5.4
Processor family *	Intel Core Ultra 9		

Processor		Ports & interfaces	
Processor generation	Intel Core Ultra (Series 2)	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor model *	285H	HDMI ports quantity *	1
Processor cores	16	HDMI version	2.1
Processor threads	16	Thunderbolt 4 ports quantity	2
Processor boost frequency	5.4 GHz	Intel® Thunderbolt 4	✓
Performance cores	6	Combo headphone/mic port	✓
Efficient cores	8	USB Type-C DisplayPort Alternate Mode	✓
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	5.4 GHz		
Efficient-core Max Turbo Frequency	4.5 GHz		
Low Power Efficient-core Max Turbo Frequency	2.5 GHz		
Performance-core base frequency	2.9 GHz		
Efficient-core base frequency	2.7 GHz		
Low Power Efficient-core Base Frequency	1000 MHz		
Processor cache	24 MB		
Processor cache type	Smart Cache		
Processor base power	45 W		
Maximum turbo power	115 W		
Neural processor unit (NPU)		Performance	
Neural processor unit (NPU)	Intel AI Boost	Repairability index	9.3
Sparsity support	✓		
Windows Studio effects support	✓		
AI datatype support on NPU	Int8		
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN		
Total processor performance up to	99 TOPs		
NPU performance up to	13 TOPs		
GPU performance up to	77 TOPs		
Memory		Keyboard	
Internal memory *	32 GB	Pointing device	Touchpad
Internal memory type	LPDDR5x-SDRAM	Numeric keypad *	✗
Memory form factor	On-board	Keyboard backlit	✓
Memory layout (slots x size)	1 x 32 GB		
Maximum internal memory *	32 GB		
Memory channels	Dual-channel		
Storage		Software	
Total storage capacity *	1 TB	Operating system architecture	64-bit
Storage media *	SSD	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Total SSDs capacity	1 TB	Operating system installed *	Windows 11 Home
Number of SSDs installed	1		
SSD capacity	1 TB		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
M.2 SSD size	2280 (22 x 80 mm)		
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	
		Windows Hello	✓
		Trusted Platform Module (TPM)	✓
		Certificates	
		Compliance certificates	REACH
		Sustainability	
		Sustainability certificates	EPEAT Gold, ENERGY STAR
		Weight & dimensions	
		Width	312.4 mm
		Depth	220.1 mm
		Height	14.9 mm
		Weight *	1.28 kg
		Packaging data	
		Package width	410 mm
		Package depth	75 mm
		Package height	284 mm
		Package weight	3.67 kg
		Packaging content	
		AC adapter included *	✓
		Logistics data	

Logistics data

Commodity Classification Automated Tracking System (CCATS)	8471300000
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Catalog Object Cloud



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