

ASUS Zenbook 14 OLED UX3405CA-QL241W Intel Core Ultra 5 225H Laptop 35.6 cm (14") Touchscreen WUXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Home Blue

Brand : ASUS

Product family: Zenbook

Product code: 90NB14W3-M00960



Product name : UX3405CA-QL241W

- 14.9 mm thin and 1.28 kg light design
 - Intel® Evo™ edition device with Intel® Core™ Ultra 5 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	On-board graphics card *	✓
Product type *	Laptop	On-board GPU manufacturer	Intel
Product colour *	Blue	Discrete graphics card *	✗
Form factor *	Clamshell	On-board graphics card family	Intel Arc Graphics
Housing material	Aluminium	On-board graphics card model *	Intel Arc 130T
Market positioning	Home	On-board graphics card 4K support	✓
Country of origin	China	On-board graphics card 8K support	✓
Display		Graphics card Open GL support	✓
Display diagonal *	35.6 cm (14")	Audio	
Display resolution *	1920 x 1200 pixels	Audio system	Smart Amp
Touchscreen *	✓	Built-in microphone	✓
HD type	WUXGA	Camera	
Panel type	OLED	Front camera	✓
Native aspect ratio	16:10	Front camera HD type	Full HD
Display surface	Gloss	Infrared (IR) camera	✓
Display brightness	400 cd/m ²	Privacy camera	✓
Maximum display brightness (HDR)	500 cd/m ²	Privacy type	Privacy shutter
RGB colour space	DCI-P3	Network	
Colour gamut	100%	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Maximum refresh rate	60 Hz	Wi-Fi standards	Wi-Fi 7 (802.11be)
Contrast ratio (typical)	1000000:1	Mobile network connection *	✗
High Dynamic Range (HDR) supported	✓	Antenna type	2x2
High Dynamic Range (HDR) technology	DisplayHDR True Black 500	Bluetooth	✓
Processor		Bluetooth version	5.4
Processor manufacturer *	Intel		
Processor family *	Intel Core Ultra 5		

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 *	225H	HDMI ports quantity *	1
Processor cores	14	HDMI version	2.1
Processor boost frequency	4.9 GHz	Thunderbolt 4 ports quantity	2
Performance cores	4	Intel® Thunderbolt 4	✓
Efficient cores	8	Combo headphone/mic port	✓
Low Power Efficient-cores	2	USB Type-C DisplayPort Alternate Mode	✓
Performance-core Max Turbo Frequency	4.9 GHz	Performance	
Efficient-core Max Turbo Frequency	4.3 GHz	Repairability index	9.3
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Keyboard	
Performance-core base frequency	1.7 GHz	Pointing device	Touchpad
Efficient-core base frequency	1.3 GHz	Numeric keypad *	✗
Low Power Efficient-core Base Frequency	700 MHz	Keyboard backlit	✓
Processor cache	18 MB	Software	
Processor cache type	Smart Cache	Operating system architecture	64-bit
Processor base power	28 W	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Maximum turbo power	115 W	Operating system installed *	Windows 11 Home
Neural processor unit (NPU)		Battery	
Neural processor unit (NPU)	Intel AI Boost	Battery technology	Lithium-Ion (Li-Ion)
Sparsity support	✓	Number of battery cells	4
Windows Studio effects support	✓	Battery capacity *	75 Wh
AI datatype support on NPU	Int8	Power	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, WebNN, Windows ML	AC adapter power	65 W
Total processor performance up to	83 TOPs	AC adapter frequency	50 - 60 Hz
NPU performance up to	13 TOPs	AC adapter input voltage	100 - 240 V
GPU performance up to	63 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	
Memory layout (slots x size)	1 x 16 GB	Windows Hello	✓
Maximum internal memory *	16 GB	Trusted Platform Module (TPM)	✓
Memory channels	Dual-channel	Certificates	
Storage		Compliance certificates	REACH
Total storage capacity *	512 GB	Sustainability	
Storage media *	SSD	Sustainability certificates	EPEAT Gold, ENERGY STAR
Total SSDs capacity	512 GB	Weight & dimensions	
Number of SSDs installed	1	Width	312.4 mm
SSD capacity	512 GB	Depth	220.1 mm
SSD interface	PCI Express 4.0	Height	14.9 mm
NVMe	✓	Weight *	1.28 kg
SSD form factor	M.2	Packaging data	
M.2 SSD size	2280 (22 x 80 mm)	Package width	410 mm
Optical drive type *	✗	Package depth	75 mm
Graphics		Package height	284 mm
Discrete graphics card model *	Not available	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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