

ASUS Zenbook 14 OLED UX3405CA-QL637W Intel Core Ultra 7 255H Laptop 35.6 cm (14") WUXGA 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home German Blue



Brand : ASUS

Product family: Zenbook

Product code: 90NB14W3-M00XW0

Product name : UX3405CA-QL637W

- Windows 11 Home 64-bit
- Intel Core Ultra 7 255H (24MB Cache)
- 35.6 cm (14") WUXGA 1920 x 1200 OLED
- 16GB LPDDR5x-SDRAM & 1000GB SSD

Intel Core Ultra 7 255H (24MB Cache), 16GB LPDDR5x-SDRAM, 1000GB SSD, 35.6 cm (14") WUXGA 1920 x 1200 OLED, Intel Arc 140T, WLAN, Webcam, Windows 11 Home 64-bit

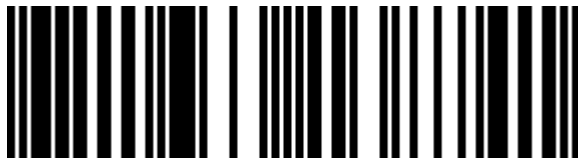
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New Zen with AI

Go the extra mile with the remarkably sleek Zenbook 14 — the ultimate ultraportable laptop that takes sophistication to a whole new level. Seize every moment using the enhanced extended-life battery, amplify your efficiency with the top-tier Intel® Core™ Ultra processor (Series 2) and Intel Arc™ graphics, and achieve seamless connectivity via all the essential ports. Immerse your senses in the vivid ASUS Lumina OLED1 touchscreen2 and powerful new Super-linear speakers, while embracing the eco-elegance of the environmentally conscious design.

Design		Storage	
Colour name	Ponder Blue	Optical drive type *	×
Product type *	Laptop	Graphics	
Product colour *	Blue	Discrete graphics card model *	Not available
Form factor *	Clamshell	On-board graphics card *	✓
Housing material	Aluminium	On-board GPU manufacturer	Intel
Market positioning	Home	Discrete graphics card *	×
Introduction year	2025	On-board graphics card family	Intel Arc Graphics
Display		On-board graphics card model *	Intel Arc 140T
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	✓
Display number of colours	1.07 billion colours	Front camera resolution	1920 x 1080 pixels
Native aspect ratio	16:10	Front camera HD type	Full HD
Display surface	Gloss	Infrared (IR) camera	✓
Display brightness	400 cd/m²	Privacy camera	✓
Maximum display brightness (HDR)	550 cd/m²	Privacy type	Privacy shutter
Display diagonal (metric)	35.6 cm	Network	
RGB colour space	DCI-P3	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Colour gamut	100%	Wi-Fi standards	Wi-Fi 7 (802.11be)
Low Blue Light technology	✓	Mobile network connection *	×
Display response rise/fall	0.2 ms	Antenna type	2x2
Maximum refresh rate	60 Hz	Ethernet LAN	×
Contrast ratio (typical)	1000000:1	Bluetooth	✓
High Dynamic Range (HDR) supported	✓	Bluetooth version	5.4
High Dynamic Range (HDR) technology	HDR True Black 500		
Processor			
Processor manufacturer *	Intel		

Processor		Ports & interfaces	
Processor family *	Intel Core Ultra 7	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor generation	Intel Core Ultra (Series 2)	HDMI ports quantity *	1
Processor model *	255H	HDMI version	2.1
Processor cores	16	Thunderbolt 4 ports quantity	2
Processor threads	16	Intel® Thunderbolt 4	✓
Processor boost frequency	5.1 GHz	Combo headphone/mic port	✓
Performance cores	6	USB Type-C DisplayPort Alternate Mode	✓
Efficient cores	8		
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	5.1 GHz		
Efficient-core Max Turbo Frequency	4.4 GHz		
Low Power Efficient-core Max Turbo Frequency	2.5 GHz		
Performance-core base frequency	2 GHz		
Efficient-core base frequency	1.5 GHz		
Low Power Efficient-core Base Frequency	700 MHz		
Processor cache	24 MB		
Processor base power	28 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 software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN		
Total processor performance up to	96 TOPs		
NPU performance up to	13 TOPs		
GPU performance up to	74 TOPs		
Memory		Keyboard	
Internal memory *	16 GB	Pointing device	Touchpad
Internal memory type	LPDDR5x-SDRAM	Numeric keypad *	✗
Memory form factor	On-board	Keyboard backlit	✓
Maximum internal memory *	16 GB	Keyboard layout	QWERTZ
Memory channels	Dual-channel	Keyboard language	German
Storage		Software	
Total storage capacity *	1 TB	Operating system architecture	64-bit
Storage media *	SSD	Operating system installed *	Windows 11 Home
Total SSDs capacity	1 TB		
Number of SSDs installed	1		
SSD capacity	1 TB		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
		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	
		Face recognition	✓
		Windows Hello	✓
		Trusted Platform Module (TPM)	✓
		Certificates	
		Compliance certificates	REACH
		Sustainability	
		Sustainability certificates	ENERGY STAR, EPEAT Gold
		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	1.53 kg
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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