

## ASUS Zenbook S 13 OLED UX5304MA-NQ037W Intel Core Ultra 7 155U Laptop 33.8 cm (13.3") 3K 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Blue

**Brand :** ASUS

**Product family:** Zenbook

**Product code:** 90NB12V3-M00440

**Product name :** UX5304MA-NQ037W



- Windows 11 Home 64-bit

- Intel Core Ultra 7 155U (12MB Cache)

- 33.8 cm (13.3") 3K 2880 x 1800 OLED

- 16GB LPDDR5x-SDRAM & 1000GB SSD

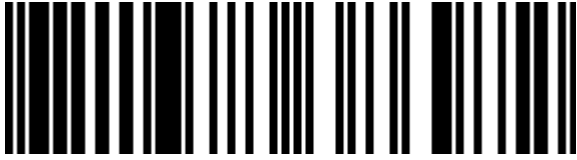
Intel Core Ultra 7 155U (12MB Cache), 16GB LPDDR5x-SDRAM, 1000GB SSD, 33.8 cm (13.3") 3K 2880 x 1800 OLED, Intel Graphics, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Zenbook S 13 OLED UX5304MA-NQ037W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155U. Display diagonal: 33.8 cm (13.3"), HD type: 3K, Display resolution: 2880 x 1800 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Graphics. Operating system installed: Windows 11 Home. Product colour: Blue. Weight: 1 kg



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, Magnesium	On-board graphics card model *	Intel Graphics
Market positioning	Home	<b>Audio</b>	
Introduction year	2024	Audio system	Smart Amp
Country of origin	China	Built-in microphone	✓
<b>Display</b>		<b>Camera</b>	
Display diagonal *	33.8 cm (13.3")	Front camera	✓
Display resolution *	2880 x 1800 pixels	Front camera resolution	1920 x 1080 pixels
Touchscreen *	✗	Front camera HD type	Full HD
HD type	3K	Infrared (IR) camera	✓
Panel type	OLED	<b>Network</b>	
Native aspect ratio	16:10	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display surface	Gloss	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Maximum display brightness (HDR)	600 cd/m <sup>2</sup>	Mobile network connection *	✗
RGB colour space	DCI-P3	Antenna type	2x2
Colour gamut	100%	Ethernet LAN	✗
Display response rise/fall	0.2 ms	Bluetooth	✓
Maximum refresh rate	60 Hz	Bluetooth version	5.3
Display number of colours	1.073 billion colours	<b>Ports &amp; interfaces</b>	
Contrast ratio (typical)	1000000:1	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
High Dynamic Range (HDR) supported	✓	HDMI ports quantity *	1
High Dynamic Range (HDR) technology	HDR True Black 600	HDMI version	2.1
<b>Processor</b>		Thunderbolt 4 ports quantity	2
Processor manufacturer *	Intel		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Processor family *	Intel Core Ultra 7	Intel® Thunderbolt 4	✓
Processor generation	Intel® Core™ Ultra (Series 1)	Combo headphone/mic port	✓
Processor model *	155U	Charging port type	USB Type-C
Processor cores	12	USB Type-C DisplayPort Alternate Mode	✓
Processor threads	14	USB Power Delivery	✓
Processor boost frequency	4.8 GHz	<b>Keyboard</b>	
Performance cores	2	Pointing device	Touchpad
Efficient cores	8	Numeric keypad *	✗
Low Power Efficient-cores	2	Keyboard backlit	✓
Performance-core Max Turbo Frequency	4.8 GHz	<b>Software</b>	
Efficient-core Max Turbo Frequency	3.8 GHz	Operating system architecture	64-bit
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	Trial software	1-month trial for new Microsoft 365 customers
Performance-core base frequency	1.7 GHz	Operating system installed *	Windows 11 Home
Efficient-core base frequency	1.2 GHz	<b>Battery</b>	
Low Power Efficient-core Base Frequency	700 MHz	Battery technology	Lithium-Ion (Li-Ion)
Processor cache	12 MB	Number of battery cells	4
Processor cache type	Smart Cache	Battery capacity *	63 Wh
Processor base power	15 W	<b>Power</b>	
Maximum turbo power	57 W	AC adapter power	65 W
<b>Neural processor unit (NPU)</b>		AC adapter frequency	50 - 60 Hz
Neural processor unit (NPU)	Intel AI Boost	AC adapter input voltage	100 - 240 V
Maximum frequency NPU	1.4 GHz	AC adapter output current	3.25 A
Sparsity support	✓	AC adapter output voltage	20 V
Windows Studio effects support	✓	<b>Security</b>	
AI datatype support on NPU	FP16, FP32, Int8	Face recognition	✓
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Windows Hello	✓
<b>Memory</b>		Trusted Platform Module (TPM)	✓
Internal memory *	16 GB	Trusted Platform Module (TPM) version	2.0
Internal memory type	LPDDR5x-SDRAM	<b>Certificates</b>	
Memory form factor	On-board	Compliance certificates	REACH
Maximum internal memory *	16 GB	<b>Sustainability</b>	
<b>Storage</b>		Sustainability compliance	✓
Total storage capacity *	1 TB	Sustainability certificates	ENERGY STAR, EPEAT Gold
Storage media *	SSD	<b>Weight &amp; dimensions</b>	
Total SSDs capacity	1 TB	Width	296.2 mm
Number of SSDs installed	1	Depth	216.3 mm
SSD capacity	1 TB	Height (front)	1.09 cm
SSD interface	PCI Express 4.0	Height (rear)	1.18 cm
NVMe	✓	Weight *	1 kg
SSD form factor	M.2	<b>Packaging data</b>	
Optical drive type *	✗	Package width	73 mm
		Package depth	390 mm
		Package height	276 mm
		Package weight	3.57 kg
		<b>Logistics data</b>	
		Commodity Classification Automated Tracking System (CCATS)	8471300000



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