

ASUS Zenbook S14 UX5406AA-SU531W Copilot+ PC Intel Core Ultra 9 386H Laptop 35.6 cm (14") Touchscreen WQXGA+ 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: 90NB16Q5-M00TA0

Product name : UX5406AA-SU531W Copilot+ PC

- Windows 11 Home 64-bit
- Intel Core Ultra 9 386H (18MB Cache)
- 14" WQXGA+ 2880 x 1800 OLED Touch
- 32GB LPDDR5x-SDRAM & 1000GB SSD
Intel Core Ultra 9 386H (18MB Cache), 32GB LPDDR5x-SDRAM, 1000GB SSD, 14" WQXGA+ 2880 x 1800 OLED Touch, Intel Graphics, WLAN, Webcam, Windows 11 Home 64-bit

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Modern alchemy

At the core of the ASUS Zenbook series is ASUS' patented Ceraluminum™ technology — an industry-first innovation refined over four years for precise colors, hardness, and texture. It offers unmatched scratch resistance and longevity, inspired by the natural world. This high-tech ceramic, revered in aerospace and luxury watches, combines the lightness and hardness of ceramic with the malleability of metal, perfect for ultra-slim, durable designs.

Design		Graphics	
Colour name	Antrim Gray	On-board GPU manufacturer	Intel
Product type *	Laptop	Discrete graphics card *	✗
Product colour *	Grey	On-board graphics card family	Intel® Graphics
Form factor *	Clamshell	On-board graphics card model *	Intel® Graphics
Market positioning	Home	Ray tracing acceleration	✓
Certified refurbished	✗	Audio	
Display		Audio system	Smart Amp
Display diagonal *	35.6 cm (14")	Built-in microphone	✓
Display resolution *	2880 x 1800 pixels	Camera	
Touchscreen *	✓	Front camera	✓
HD type	WQXGA+	Front camera resolution	1920 x 1080 pixels
Panel type	OLED	Front camera HD type	Full HD
Display number of colours	1.07 billion colours	Infrared (IR) camera	✓
Native aspect ratio	16:10	Network	
Display brightness	500 cd/m²	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Maximum display brightness (HDR)	1100 cd/m²	Wi-Fi standards	Wi-Fi 7 (802.11be)
RGB colour space	DCI-P3	Mobile network connection *	✗
Colour gamut	100%	Antenna type	2x2
Display response rise/fall	0.2 ms	Ethernet LAN	✗
Maximum refresh rate	120 Hz	Bluetooth	✓
Contrast ratio (typical)	1000000:1	Bluetooth version	6.0
High Dynamic Range (HDR) supported	✓	Ports & interfaces	
High Dynamic Range (HDR) technology	DisplayHDR True Black 1000	USB 3.2 Gen 2 (3.1 Gen 2) 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 3)		
Processor model *	386H		

Processor		Ports & interfaces	
Processor cores	16	Intel® Thunderbolt 4	✓
Processor threads	16	Combo headphone/mic port	✓
Processor boost frequency	4.9 GHz	USB Type-C DisplayPort Alternate Mode	✓
Performance cores	4	Keyboard	
Efficient cores	8	Pointing device	Touchpad
Low Power Efficient-cores	4	Numeric keypad *	✗
Performance-core Max Turbo Frequency	4.9 GHz	Keyboard backlit	✓
Efficient-core Max Turbo Frequency	3.7 GHz	Keyboard layout	QWERTZ
Low Power Efficient-core Max Turbo Frequency	3.5 GHz	Keyboard language	German
Performance-core base frequency	2.1 GHz	Copilot key	✓
Efficient-core base frequency	1.6 GHz	Software	
Low Power Efficient-core Base Frequency	1600 MHz	Operating system architecture	64-bit
Processor cache	18 MB	Microsoft Copilot	✓
Processor cache type	Smart Cache	Operating system installed *	Windows 11 Home
Processor socket	FCBGA2540	Battery	
Processor base power	25 W	Battery technology	Lithium-Ion (Li-Ion)
Maximum turbo power	80 W	Number of battery cells	4
Neural processor unit (NPU)		Battery capacity *	77 Wh
Copilot+ PC	✓	Power	
Neural processor unit (NPU)	Intel AI Boost	AC adapter power	68 W
Sparsity support	✓	AC adapter frequency	50 - 60 Hz
Windows Studio effects support	✓	AC adapter input voltage	100 - 240 V
AI software frameworks supported by NPU	OpenVINO, Windows ML, ONNX RT, WebNN	AC adapter output current	3.4 A
NPU performance up to	50 TOPs	AC adapter output voltage	20 V
GPU performance up to	40 TOPs	USB Type-C charging port *	✓
Memory		USB Type-C required charging power (min) *	45 W
Internal memory *	32 GB	USB Type-C required charging power (max) *	100 W
Internal memory type	LPDDR5x-SDRAM	USB Power Delivery (USB PD)	✓
Memory form factor	On-board	Security	
Maximum internal memory *	32 GB	Face recognition	✓
Storage		Windows Hello	✓
Total storage capacity *	1 TB	Trusted Platform Module (TPM)	✓
Storage media *	SSD	Password protection	✓
Total SSDs capacity	1 TB	Certificates	
Number of SSDs installed	1	Compliance certificates	REACH
SSD capacity	1 TB	Certification	US MIL-STD 810H military-grade standard
SSD interface	PCI Express 4.0	Sustainability	
NVMe	✓	Sustainability certificates	ENERGY STAR
SSD form factor	M.2	Weight & dimensions	
Optical drive type *	✗	Width	310.3 mm
Graphics		Depth	214.7 mm
Discrete graphics card model *	Not available	Height (front)	1.19 cm
On-board graphics card *	✓	Height (rear)	1.29 cm
		Weight *	1.2 kg
		Packaging data	
		Package width	456 mm
		Package depth	102 mm
		Package height	284 mm
		Packaging content	
		AC adapter included *	✗



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Catalog Object Cloud



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