

## ASUS Zenbook S 14 UX5406SA-PZ169W Intel Core Ultra 7 258V Laptop 35.6 cm (14") Touchscreen 3K 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home White

**Brand :** ASUS

**Product family:** Zenbook

**Product code:** 90NB14F4-M00DJ0

**Product name :** UX5406SA-PZ169W

- Windows 11 Home 64-bit
  - Intel Core Ultra 7 258V (12MB Cache)
  - 35.6 cm (14") 3K 2880 x 1800 OLED Touch
  - 32GB LPDDR5x-SDRAM & 1000GB SSD
- Intel Core Ultra 7 258V (12MB Cache), 32GB LPDDR5x-SDRAM, 1000GB SSD, 35.6 cm (14") 3K 2880 x 1800 OLED Touch, Intel Arc Graphics 140V, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Zenbook S 14 UX5406SA-PZ169W Intel Core Ultra 7 258V Laptop 35.6 cm (14") Touchscreen 3K 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home White:

### New Zen with superior AI

Experience the world-changing power of AI with Zenbook S 14, a new-era ASUS Copilot+ PC that combines an exceptional 1.1 cm-slim<sup>1</sup> design with cutting-edge technology. Its all-metal body — with a unique Ceraluminum™ high-tech ceramic lid and nature-inspired colors — houses next-level AI capabilities, driven by up to the latest Intel® Core™ Ultra 9 processor (Series 2) with ambient cooling minimize noise. Immerse yourself in a visual feast with the stunning 3K ASUS Lumina OLED2 display, complemented by rich and powerful sound from the four-speaker audio system. Zenbook S 14 brings you elegance, power, and innovation in a slim and sophisticated package.



Design		Graphics	
Colour name	Scandinavian White	On-board GPU manufacturer	Intel
Product type *	Laptop	Discrete graphics card *	✗
Product colour *	White	On-board graphics card family	Intel Arc Graphics
Form factor *	Clamshell	On-board graphics card model *	Intel Arc Graphics 140V
Housing material	Aluminium	Audio	
Market positioning	Home	Audio system	Smart Amp
Introduction year	2024	Speakers manufacturer	Harman Kardon
Country of origin	China	Built-in microphone	✓
Display		Camera	
Display diagonal *	35.6 cm (14")	Front camera	✓
Display resolution *	2880 x 1800 pixels	Front camera HD type	Full HD
Touchscreen *	✓	Infrared (IR) camera	✓
HD type	3K	Network	
Panel type	OLED	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Native aspect ratio	16:10	Wi-Fi standards	Wi-Fi 7 (802.11be)
Display surface	Gloss	Mobile network connection *	✗
Display brightness	400 cd/m <sup>2</sup>	Antenna type	2x2
Maximum display brightness (HDR)	500 cd/m <sup>2</sup>	Ethernet LAN	✗
RGB colour space	DCI-P3	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.4
Display response rise/fall	0.2 ms	Ports & interfaces	
Maximum refresh rate	120 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Display number of colours	1.073 billion colours	HDMI ports quantity *	1
Contrast ratio (typical)	1000000:1	HDMI version	2.1
High Dynamic Range (HDR) supported	✓	Thunderbolt 4 ports quantity	2
High Dynamic Range (HDR) technology	HDR True Black 500	Intel® Thunderbolt 4	✓

Processor		Ports & interfaces	
Processor manufacturer *	Intel	Combo headphone/mic port	✓
Processor family *	Intel Core Ultra 7	Charging port type	USB Type-C
Processor generation	Intel Core Ultra (Series 2)	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	258V	USB Power Delivery	✓
Processor cores	8	Performance	
Processor threads	8	Repairability index	8.3
Processor boost frequency	4.8 GHz	Keyboard	
Performance cores	4	Pointing device	Touchpad
Low Power Efficient-cores	4	Numeric keypad *	✗
Performance-core Max Turbo Frequency	4.8 GHz	Keyboard backlit	✓
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	Copilot key	✓
Performance-core base frequency	2.2 GHz	Software	
Low Power Efficient-core Base Frequency	2200 MHz	Operating system architecture	64-bit
Processor cache	12 MB	Trial software	1-month trial for new Microsoft 365 customers. Credit card required. One-Month Membership of Adobe Creative Cloud All Apps, Individual. The redemption duration from September 15, 2021 to August 31, 2025.
Processor cache type	Smart Cache		
Processor base power	17 W		
Maximum turbo power	37 W		
Neural processor unit (NPU)			
Neural processor unit (NPU)	Intel AI Boost	Operating system installed *	Windows 11 Home
Sparsity support	✓	Battery	
Windows Studio effects support	✓	Battery technology	Lithium-Ion (Li-Ion)
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Number of battery cells	4
Total processor performance up to NPU performance up to	115 TOPs	Battery capacity *	72 Wh
	47 TOPs	Power	
Memory		AC adapter power	65 W
Internal memory *	32 GB	AC adapter frequency	50 - 60 Hz
Internal memory type	LPDDR5x-SDRAM	AC adapter input voltage	100 - 240 V
Memory form factor	On-board	AC adapter output current	3.25 A
Maximum internal memory *	32 GB	AC adapter output voltage	20 V
Storage		Security	
Total storage capacity *	1 TB	Face recognition	✓
Storage media *	SSD	Windows Hello	✓
Total SSDs capacity	1 TB	Trusted Platform Module (TPM)	✓
Number of SSDs installed	1	Password protection	✓
SSD capacity	1 TB	Certificates	
SSD interface	PCI Express 4.0	Compliance certificates	REACH
NVMe	✓	Sustainability	
SSD form factor	M.2	Sustainability certificates	ENERGY STAR
Optical drive type *	✗	Weight & dimensions	
Graphics		Width	310.3 mm
Discrete graphics card model *	Not available	Depth	214.7 mm
On-board graphics card *	✓	Height (front)	1.19 cm
		Height (rear)	1.29 cm
		Weight *	1.2 kg
		Packaging data	
		Package width	410 mm
		Package depth	75 mm
		Package height	284 mm
		Package weight	3.67 kg
		Logistics data	
		Commodity Classification Automated Tracking System (CCATS)	8471300000



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