

ASUS Zenbook S 14 UX5406SA-PZ228W laptop Intel Core Ultra 7 256V 35.6 cm (14") Touchscreen 3K 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home White

Brand : ASUS

Product family: Zenbook

Product code: UX5406SA-PZ228W

Product name : UX5406SA-PZ228W



- Windows 11 Home 64-bit
 - Intel Core Ultra 7 256V (12MB Cache)
 - 35.6 cm (14") 3K 2880 x 1800 OLED Touch
 - 16GB LPDDR5x-SDRAM & 1000GB SSD
- Intel Core Ultra 7 256V (12MB Cache), 16GB 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

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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-slim¹ 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		Storage	
Colour name	Scandinavian White	SSD form factor	M.2
Product type *	Laptop	Optical drive type *	✗
Product colour *	White	Graphics	
Form factor *	Clamshell	Discrete graphics card model *	Not available
Housing material	Aluminium	On-board graphics card *	✓
Market positioning	Home	On-board GPU manufacturer	Intel
Introduction year	2024	Discrete graphics card *	✗
Display		On-board graphics card family	Intel Arc Graphics
Display diagonal *	35.6 cm (14")	On-board graphics card model *	Intel Arc Graphics 140V
Display resolution *	2880 x 1800 pixels	Audio	
Touchscreen *	✓	Audio system	Smart Amp
HD type	3K	Speakers manufacturer	Harman Kardon
Panel type	OLED	Built-in microphone	✓
Native aspect ratio	16:10	Camera	
Display surface	Gloss	Front camera	✓
Display brightness	400 cd/m²	Front camera HD type	Full HD
Maximum display brightness (HDR)	500 cd/m²	Infrared (IR) camera	✓
RGB colour space	DCI-P3	Network	
Colour gamut	100%	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display response rise/fall	0.2 ms	Wi-Fi standards	Wi-Fi 7 (802.11be)
Maximum refresh rate	120 Hz	Mobile network connection *	✗
Display number of colours	1.073 billion colours	Antenna type	2x2
Contrast ratio (typical)	1000000:1	Ethernet LAN	✗
High Dynamic Range (HDR) supported	✓	Bluetooth	✓
High Dynamic Range (HDR) technology	HDR True Black 500	Bluetooth version	5.4
Processor			

Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor family *	Intel Core Ultra 7	HDMI ports quantity *	1
Processor generation	Intel Core Ultra (Series 2)	HDMI version	2.1
Processor model *	256V	Thunderbolt 4 ports quantity	2
Processor cores	8	Intel® Thunderbolt 4	✓
Processor threads	8	Combo headphone/mic port	✓
Processor boost frequency	4.8 GHz	Charging port type	USB Type-C
Performance cores	4	USB Type-C DisplayPort Alternate Mode	✓
Low Power Efficient-cores	4	Keyboard	
Performance-core Max Turbo Frequency	4.8 GHz	Pointing device	Touchpad
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	Numeric keypad *	✗
Performance-core base frequency	2.2 GHz	Keyboard backlit	✓
Low Power Efficient-core Base Frequency	2200 MHz	Copilot key	✓
Processor cache	12 MB	Software	
Processor cache type	Smart Cache	Operating system architecture	64-bit
Processor base power	17 W	Operating system installed *	Windows 11 Home
Maximum turbo power	37 W	Microsoft Copilot	✓
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 *	72 Wh
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Power	
Total processor performance up to	115 TOPs	AC adapter power	65 W
NPU performance up to	47 TOPs	AC adapter frequency	50 - 60 Hz
GPU performance up to	64 TOPs	AC adapter input voltage	100 - 240 V
Memory		AC adapter output current	3.25 A
Internal memory *	16 GB	AC adapter output voltage	20 V
Internal memory type	LPDDR5x-SDRAM	USB Type-C charging port *	✓
Memory form factor	On-board	USB Power Delivery (USB PD) *	✓
Maximum internal memory *	16 GB	Security	
Storage		Face recognition	✓
Total storage capacity *	1 TB	Windows Hello	✓
Storage media *	SSD	Trusted Platform Module (TPM)	✓
Total SSDs capacity	1 TB	Password protection	✓
Number of SSDs installed	1	Certificates	
SSD capacity	1 TB	Compliance certificates	REACH
SSD interface	PCI Express 4.0	Sustainability	
NVMe	✓	Sustainability certificates	ENERGY STAR
		Weight & dimensions	
		Width	310.3 mm
		Depth	214.7 mm
		Height (front)	1.19 cm
		Height (rear)	1.29 cm
		Weight *	1.2 kg

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