

## ASUS Zenbook S 14 UX5406SA-PZ040W Intel Core Ultra 7 256V Laptop 35.6 cm (14") Touchscreen 3K 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Grey

**Brand :** ASUS

**Product family:** Zenbook

**Product code:** 90NB14F3-M00590

**Product name :** UX5406SA-PZ040W

- 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

ASUS Zenbook S 14 UX5406SA-PZ040W Intel Core Ultra 7 256V Laptop 35.6 cm (14") Touchscreen 3K 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Grey:

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



Processor		Ports & interfaces	
Processor model *	256V	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor cores	8	HDMI ports quantity *	1
Processor threads	8	HDMI version	2.1
Processor boost frequency	4.8 GHz	Thunderbolt 4 ports quantity	2
Performance cores	4	Intel® Thunderbolt 4	✓
Low Power Efficient-cores	4	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	4.8 GHz	Charging port type	USB Type-C
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	USB Type-C DisplayPort Alternate Mode	✓
Performance-core base frequency	2.2 GHz	Keyboard	
Low Power Efficient-core Base Frequency	2200 MHz	Pointing device	Touchpad
Processor cache	12 MB	Numeric keypad *	✗
Processor cache type	Smart Cache	Keyboard backlit	✓
Processor base power	17 W	Copilot key	✓
Maximum turbo power	37 W	Software	
Neural processor unit (NPU)		Operating system architecture	64-bit
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	115 TOPs	Battery capacity *	72 Wh
NPU performance up to	47 TOPs	Power	
GPU performance up to	64 TOPs	AC adapter power	65 W
Memory		AC adapter frequency	50 - 60 Hz
Internal memory *	16 GB	AC adapter input voltage	100 - 240 V
Internal memory type	LPDDR5x-SDRAM	AC adapter output current	3.25 A
Memory form factor	On-board	AC adapter output voltage	20 V
Maximum internal memory *	16 GB	USB Power Delivery (USB PD) *	✓
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
		Sustainability	
		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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