

ASUS Vivobook S14 OLED S5406SA-QD229W Copilot+ PC Intel Core Ultra 7 256V Laptop 35.6 cm (14") WUXGA 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home German Blue



Brand : ASUS

Product family: Vivobook

Product code: 90NB15R2-M00F50

Product name : S5406SA-QD229W Copilot+ PC

- Windows 11 Home 64-bit
- Intel Core Ultra 7 256V (12MB Cache)
- 35.6 cm (14") WUXGA 1920 x 1200 OLED
- 16GB LPDDR5x-SDRAM & 1000GB SSD

Intel Core Ultra 7 256V (12MB Cache), 16GB LPDDR5x-SDRAM, 1000GB SSD, 35.6 cm (14") WUXGA 1920 x 1200 OLED, Intel Arc Graphics 140V, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook S14 OLED S5406SA-QD229W Copilot+ PC Intel Core Ultra 7 256V Laptop 35.6 cm (14") WUXGA 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home German Blue:

Simply Slim, Simply Stunning

The ASUS Vivobook S 14 elevates your laptop encounter, harmoniously blending advanced technology with a clean, minimalist design. It showcases the power of up to Intel® Core™ Ultra 7 processor (Series 2) for exceptional performance, a dedicated Copilot key for more AI exploration, a svelte 1.3 kg construction, a substantial 27-hour battery life, and a captivating 3K ASUS Lumina OLED screen. It also includes an ergonomically designed keyboard with vibrant RGB backlighting, a generously sized touchpad, and an ASUS AiSense camera. This laptop is the perfect companion for modern life.

Design		Graphics	
Colour name	Mist Blue	On-board graphics card *	✓
Product type *	Laptop	On-board GPU manufacturer	Intel
Product colour *	Blue	Discrete graphics card *	✗
Form factor *	Clamshell	On-board graphics card family	Intel Arc Graphics
Housing material	Aluminium	On-board graphics card model *	Intel Arc Graphics 140V
Market positioning	Home	Audio	
Display		Audio system	Smart Amp
Display diagonal *	35.6 cm (14")	Speakers manufacturer	Harman Kardon
Display resolution *	1920 x 1200 pixels	Built-in microphone	✓
Touchscreen *	✗	Camera	
HD type	WUXGA	Front camera	✓
Panel type	OLED	Front camera resolution	1920 x 1080 pixels
Display number of colours	1.07 billion colours	Front camera HD type	Full HD
Native aspect ratio	16:10	Infrared (IR) camera	✓
Display surface	Gloss	Privacy camera	✓
Display brightness	400 cd/m²	Privacy type	Privacy shutter
Maximum display brightness (HDR)	600 cd/m²	Network	
RGB colour space	DCI-P3	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Colour gamut	100%	Wi-Fi standards	Wi-Fi 7 (802.11be)
Display response rise/fall	0.2 ms	Mobile network connection *	✗
Maximum refresh rate	60 Hz	Antenna type	2x2
Contrast ratio (typical)	1000000:1	Ethernet LAN	✗
High Dynamic Range (HDR) supported	✓	Bluetooth	✓
High Dynamic Range (HDR) technology	DisplayHDR True Black 600	Bluetooth version	5.4
Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor family *	Intel Core Ultra 7		
Processor generation	Intel Core Ultra (Series 2)		

Processor		Ports & interfaces	
Processor model *	256V	HDMI ports quantity *	1
Processor cores	8	HDMI version	2.1
Processor threads	8	Thunderbolt 4 ports quantity	2
Processor boost frequency	4.8 GHz	Intel® Thunderbolt 4	✓
Performance cores	4	Combo headphone/mic port	✓
Low Power Efficient-cores	4	USB Type-C DisplayPort Alternate Mode	✓
Performance-core Max Turbo Frequency	4.8 GHz		
Low Power Efficient-core Max Turbo Frequency	3.7 GHz		
Performance-core base frequency	2.2 GHz		
Low Power Efficient-core Base Frequency	2200 MHz		
Processor cache	12 MB		
Processor cache type	Smart Cache		
Processor base power	17 W		
Maximum turbo power	37 W		
Neural processor unit (NPU)		Performance	
Copilot+ PC	✓	Repairability index	8.4
Neural processor unit (NPU)	Intel AI Boost		
Sparsity support	✓		
Windows Studio effects support	✓		
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN		
Total processor performance up to	115 TOPs		
NPU performance up to	47 TOPs		
GPU performance up to	64 TOPs		
Memory		Keyboard	
Internal memory *	16 GB	Pointing device	Touchpad
Internal memory type	LPDDR5x-SDRAM	Numeric keypad *	✗
Memory form factor	On-board	Keyboard backlit	✓
Maximum internal memory *	16 GB	Keyboard backlit colour	RGB
		Keyboard backlit zone	1-zone RGB
		Keyboard layout	QWERTZ
		Keyboard language	German
		Copilot key	✓
Storage		Software	
Total storage capacity *	1 TB	Operating system architecture	64-bit
Storage media *	SSD	Microsoft Copilot	✓
Total SSDs capacity	1 TB	Operating system installed *	Windows 11 Home
Number of SSDs installed	1		
SSD capacity	1 TB		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
M.2 SSD size	2280 (22 x 80 mm)		
Optical drive type *	✗		
Card reader integrated	✓		
Compatible memory cards	MicroSD (TransFlash)		
Graphics		Battery	
Discrete graphics card model *	Not available	Battery technology	Lithium-Ion (Li-Ion)
		Number of battery cells	4
		Battery capacity *	75 Wh
		Power	
		AC adapter power	65 W
		AC adapter frequency	50 - 60 Hz
		AC adapter input voltage	100 - 240 V
		AC adapter output current	3.25 A
		AC adapter output voltage	20 V
		USB Type-C charging port *	✓
		USB Power Delivery (USB PD)	✓
		Security	
		Face recognition	✓
		Windows Hello	✓
		Trusted Platform Module (TPM)	✓
		Password protection	✓
		Password protection type	BIOS, User
		Certificates	
		Compliance certificates	REACH
		Sustainability	
		Sustainability certificates	ENERGY STAR
		Weight & dimensions	
		Width	310.5 mm
		Depth	221.9 mm
		Height (front)	1.39 cm
		Height (rear)	1.59 cm
		Weight *	1.3 kg
		Packaging content	
		AC adapter included *	✓



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