



ASUS Vivobook S 15 OLED S5506MA-MA014W Intel Core Ultra 5 125H Laptop 39.6 cm (15.6") 3K 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Blue



Brand : ASUS

Product family: Vivobook

Product code: 90NB14E2-M000Y0

Product name : S5506MA-MA014W

Intel Core Ultra 5 125H (18MB Cache), 16GB LPDDR5x-SDRAM, 512GB SSD, 39.6 cm (15.6") 3K 2880 x 1620 OLED, Intel Arc Graphics, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook S 15 OLED S5506MA-MA014W Intel Core Ultra 5 125H Laptop 39.6 cm (15.6") 3K 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Blue:

Simply slim, simply stunning.

The ASUS Vivobook S 15 OLED 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 for exceptional performance, a svelte 1.5 kg construction, a dedicated Copilot key for more AI exploration, a substantial 16-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
Introduction year	2024	Audio	
Display		Audio system	Smart Amp
Display diagonal *	39.6 cm (15.6")	Speakers manufacturer	Harman Kardon
Display resolution *	2880 x 1620 pixels	Built-in microphone	✓
Touchscreen *	✗	Camera	
HD type	3K	Front camera	✓
Panel type	OLED	Front camera HD type	Full HD
Native aspect ratio	16:9	Infrared (IR) camera	✓
Display surface	Gloss	Privacy camera	✓
Display brightness	400 cd/m ²	Privacy type	Privacy shutter
Maximum display brightness (HDR)	600 cd/m ²	Network	
RGB colour space	DCI-P3	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Colour gamut	100%	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Maximum refresh rate	120 Hz	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 600	Bluetooth	✓
Processor		Bluetooth version	5.3
Processor manufacturer *	Intel	Ports & interfaces	
Processor family *	Intel Core Ultra 5	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor generation	Intel® Core™ Ultra (Series 1)	HDMI ports quantity *	1
Processor model *	125H		

Processor		Ports & interfaces	
Processor cores	14	HDMI version	2.1
Processor threads	18	Thunderbolt 4 ports quantity	2
Processor boost frequency	4.5 GHz	Intel® Thunderbolt 4	✓
Performance cores	4	Combo headphone/mic port	✓
Efficient cores	8	Charging port type	USB Type-C
Low Power Efficient-cores	2	USB Type-C DisplayPort Alternate Mode	✓
Performance-core Max Turbo Frequency	4.5 GHz	USB Power Delivery	✓
Efficient-core Max Turbo Frequency	3.6 GHz	Keyboard	
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Pointing device	Touchpad
Performance-core base frequency	1.2 GHz	Numeric keypad *	✓
Efficient-core base frequency	0.7 GHz	Keyboard backlit	✓
Low Power Efficient-core Base Frequency	700 MHz	Keyboard backlit colour	RGB
Processor cache	18 MB	Keyboard backlit zone	1-zone RGB
Processor cache type	Smart Cache	Software	
Processor base power	28 W	Operating system architecture	64-bit
Maximum turbo power	115 W	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days
Neural processor unit (NPU)		Operating system installed *	Windows 11 Home
Neural processor unit (NPU)	Intel AI Boost	Battery	
Maximum frequency NPU	1.4 GHz	Battery technology	Lithium-Ion (Li-Ion)
Sparsity support	✓	Number of battery cells	4
Windows Studio effects support	✓	Battery capacity *	75 Wh
AI datatype support on NPU	FP16, FP32, Int8	Power	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	AC adapter power	90 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	4.5 A
Memory form factor	On-board	AC adapter output voltage	20 V
Maximum internal memory *	16 GB	Security	
Storage		Face recognition	✓
Total storage capacity *	512 GB	Windows Hello	✓
Storage media *	SSD	Trusted Platform Module (TPM)	✓
Total SSDs capacity	512 GB	Password protection	✓
Number of SSDs installed	1	Password protection type	BIOS, User
SSD capacity	512 GB	Certificates	
SSD interface	PCI Express 4.0	Compliance certificates	REACH
NVMe	✓	Sustainability	
SSD form factor	M.2	Sustainability compliance	✓
Optical drive type *	✗	Sustainability certificates	ENERGY STAR
Card reader integrated	✓	Weight & dimensions	
Compatible memory cards	MicroSD (TransFlash)	Width	353.6 mm
Graphics		Depth	246.9 mm
Discrete graphics card model *	Not available	Height (front)	1.39 cm
		Height (rear)	1.59 cm
		Weight *	1.5 kg
		Packaging data	
		Package width	488 mm
		Package depth	65 mm
		Package height	310 mm
		Package weight	2.25 kg



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