

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 \$ 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	
Product type *LaptopProduct colour *BlueForm factor *Clamshel	Blue Clamshell Aluminium	On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card family On-board graphics card model *	✓ Intel ➤ Intel Arc Graphics Intel Arc Graphics
Introduction year	2024	Audio	
Display Display diagonal * Display resolution *	39.6 cm (15.6") 2880 x 1620 pixels	Audio system Speakers manufacturer Built-in microphone	Smart Amp Harman Kardon ✔
Touchscreen *	X	Camera	
HD type Panel type Native aspect ratio Display surface Display brightness Maximum display brightness (HDR)	3K OLED 16:9 Gloss 400 cd/m ² b 600 cd/m ² DCI-P3 100% 120 Hz 1000000:1 ✓ HDR True Black 600	Front camera Front camera HD type Infrared (IR) camera Privacy camera Privacy type	✓ Full HD ✓ ✓ Privacy shutter
RGB colour space		Network	
Colour gamut Maximum refresh rate Contrast ratio (typical) High Dynamic Range (HDR) supported High Dynamic Range (HDR) technology		Top Wi-Fi standard * Wi-Fi standards Mobile network connection * Antenna type Ethernet LAN Bluetooth Bluetooth	Wi-Fi 6E (802.11ax) Wi-Fi 6E (802.11ax) × 2x2 × ✓ 5.3
Processor			5.5
Processor manufacturer * Processor family * Processor generation Processor model *	Intel Intel Core Ultra 5 Intel® Core™ Ultra (Series 1) 125H	Ports & interfaces USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * HDMI ports quantity *	2 1

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	1
Performance cores	4	Combo headphone/mic port	1
Efficient cores	8	Charging port type	USB Type-C
Low Power Efficient-cores	2	USB Type-C DisplayPort Alternate	USD Type-C
Performance-core Max Turbo	2	Mode	1
Frequency	4.5 GHz	USB Power Delivery	4
Efficient-core Max Turbo Frequency	3.6 GHz	, Kaukaand	
Low Power Efficient-core Max Turbo		Keyboard	
Frequency	2.5 GHz	Pointing device	Touchpad
Performance-core base frequency	1.2 GHz	Numeric keypad *	4
Efficient-core base frequency	0.7 GHz	Keyboard backlit	4
Low Power Efficient-core Base	700 MHz	Keyboard backlit colour	RGB
Frequency	700 MHZ	Keyboard backlit zone	1-zone RGB
Processor cache	18 MB	Software	
Processor cache type	Smart Cache	Operating system architecture	64-bit
Processor base power	28 W	operating system are intereture	1-month trial for new Microsoft 365
Maximum turbo power Neural processor unit (NPU)	115 W	Trial software	customers. Credit card required, McAfee 30 days
•		Operating system installed *	Windows 11 Home
Neural processor unit (NPU) Maximum frequency NPU	Intel Al Boost 1.4 GHz	Battery	
Sparsity support		Battery technology	Lithium-lon (Li-lon)
Windows Studio effects support		Number of battery cells	4
Al datatype support on NPU	FP16, FP32, Int8	Battery capacity *	75 Wh
Al software frameworks supported	DirectML, ONNX RT, OpenVINO,		75 WII
by NPU	Windows ML	Power	
Memory		AC adapter power	90 W
	16.68	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	1
Total storage capacity *	512 GB	Windows Hello	1
Storage media *	SSD	Trusted Platform Module (TPM)	4
Total SSDs capacity	512 GB	Password protection	4
Number of SSDs installed	1	Password protection type	BIOS, User
SSD capacity	512 GB	Certificates	
SSD interface	PCI Express 4.0		
NVMe	1	Compliance certificates	REACH
SSD form factor	M.2	Sustainability	
Optical drive type *	×	Sustainability compliance	1
Card reader integrated	1	Sustainability certificates	ENERGY STAR
Compatible memory cards	MicroSD (TransFlash)	Weight & dimensions	
Graphics		Width	353.6 mm
Discrete graphics card model *	Not available	Depth	246.9 mm
		Height (front)	1.39 cm
		Height (rear)	1.59 cm
		Weight *	1.5 kg

Packaging data Package width

Package depth

Package height

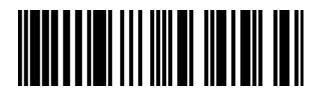
Package weight

488 mm

65 mm

310 mm

2.25 kg



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