

ASUS Vivobook S 15 OLED S5506MA-MA074W Intel Core Ultra 7 155H Laptop 39,6 cm (15.6") 3K 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : ASUS

Product family: Vivobook

Product code: 90NB14E1-M005P0

Product name : S5506MA-MA074W



- Windows 11 Home 64-bit

- Intel Core Ultra 7 155H (24MB Cache)

- 39.6 cm (15.6") 3K 2880 x 1620 OLED

- 16GB LPDDR5x-SDRAM & 1000GB SSD

Intel Core Ultra 7 155H (24MB Cache), 16GB LPDDR5x-SDRAM, 1000GB 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-MA074W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. Display diagonal: 39,6 cm (15.6"), HD type: 3K, Display resolution: 2880 x 1620 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics. Operating system installed: Windows 11 Home. Product colour: Black. Weight: 1,5 kg

Design		Graphics	
Colour name	Neutral Black	On-board graphics card model *	Intel Arc Graphics
Product type *	Laptop	Audio	
Product colour *	Black	Audio system	Smart Amp
Form factor *	Clamshell	Speakers manufacturer	Harman Kardon
Housing material	Aluminium	Built-in microphone	✓
Market positioning	Home	Camera	
Display		Front camera	✓
Display diagonal *	39,6 cm (15.6")	Front camera resolution	1920 x 1080 pixels
Display resolution *	2880 x 1620 pixels	Front camera HD type	Full HD
Touchscreen *	✗	Infrared (IR) camera	✓
HD type	3K	Privacy camera	✓
Panel type	OLED	Privacy type	Privacy shutter
Native aspect ratio	16:9	Network	
Display surface	Gloss	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display brightness	400 cd/m ²	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Maximum display brightness (HDR)	600 cd/m ²	Mobile network connection *	✗
RGB colour space	DCI-P3	Antenna type	2x2
Colour gamut	100%	Ethernet LAN	✗
Maximum refresh rate	120 Hz	Bluetooth	✓
Contrast ratio (typical)	1000000:1	Bluetooth version	5.3
High Dynamic Range (HDR) supported	✓	Ports & interfaces	
High Dynamic Range (HDR) technology	HDR True Black 600	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	2.1
Processor family *	Intel Core Ultra 7	Thunderbolt 4 ports quantity	2
Processor generation	Intel® Core™ Ultra (Series 1)		

Processor		Ports & interfaces	
Processor model *	155H	Intel® Thunderbolt 4	✓
Processor cores	16	Combo headphone/mic port	✓
Processor boost frequency	4,8 GHz	USB Type-C DisplayPort Alternate Mode	✓
Performance cores	6	Keyboard	
Efficient cores	8	Pointing device	Touchpad
Performance-core Max Turbo Frequency	4,8 GHz	Numeric keypad *	✓
Efficient-core Max Turbo Frequency	3,8 GHz	Keyboard backlit	✓
Performance-core base frequency	1,4 GHz	Keyboard backlit colour	RGB
Efficient-core base frequency	0,9 GHz	Keyboard backlit zone	1-zone RGB
Processor cache	24 MB	Software	
Processor cache type	Smart Cache	Operating system architecture	64-bit
Processor base power	28 W	Trial software	McAfee 30 days
Maximum turbo power	115 W	Operating system installed *	Windows 11 Home
Memory		Battery	
Internal memory *	16 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	LPDDR5x-SDRAM	Number of battery cells	4
Memory form factor	On-board	Battery capacity *	75 Wh
Maximum internal memory *	16 GB	Power	
Storage		AC adapter power	90 W
Total storage capacity *	1 TB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	1 TB	AC adapter output current	4,5 A
Number of SSDs installed	1	AC adapter output voltage	20 V
SSD capacity	1 TB	USB Type-C charging port *	✓
SSD interface	PCI Express 4.0	USB Power Delivery	✓
NVMe	✓	Security	
SSD form factor	M.2	Windows Hello	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✓	Password protection	✓
Compatible memory cards	MicroSD (TransFlash)	Password protection type	BIOS, User
Graphics		Certificates	
Discrete graphics card model *	Not available	Compliance certificates	RoHS, REACH
On-board graphics card *	✓	Sustainability	
On-board GPU manufacturer	Intel	Sustainability compliance	✓
Discrete graphics card *	✗	Sustainability certificates	EPEAT Silver, ENERGY STAR
On-board graphics card family	Intel Arc Graphics	Weight & dimensions	
		Width	353,6 mm
		Depth	246,9 mm
		Height (front)	1,39 cm
		Height (rear)	1,59 cm
		Weight *	1,5 kg



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