

## ASUS Vivobook S 15 OLED M5506WA-MA042W AMD Ryzen AI 9 365 Laptop 39.6 cm (15.6") 3K 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Silver

**Brand :** ASUS

**Product family:** Vivobook

**Product code:** 90NB14A3-M002R0

**Product name :** M5506WA-MA042W



AMD Ryzen AI 9 365 (34MB Cache, 2GHz), 32GB LPDDR5x-SDRAM, 1000GB SSD, 39.6 cm (15.6") 3K 2880 x 1620 OLED, AMD Radeon 880M, WLAN, Webcam, Windows 11 Home 64-bit

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### Super AI. Stunning style.

The ASUS Vivobook S 15 transforms your laptop experience with cutting-edge technology and a sleek minimalist design. Powered by the AMD Ryzen™ AI 9 HX 370 processor, it delivers top-notch performance with up to 50 TOPS NPU, enhancing your productivity to the next level and unlocking brand new AI experiences. The dedicated Copilot key provides instant one-touch access to AI capabilities. With a slim 1.39 cm profile, weighing 1.5 kg, and up to a 75Wh battery life, it's designed for on-the-go convenience. The laptop boasts a stunning up to 3K ASUS Lumina OLED display, an ergonomic keyboard with RGB backlighting, an extra-large touchpad, and an ASUS AiSense camera. It's your perfect companion for modern life.



Design		Camera	
Colour name	Cool Silver	Front camera	✓
Product type *	Laptop	Front camera HD type	Full HD
Product colour *	Silver	Infrared (IR) camera	✓
Form factor *	Clamshell	Privacy camera	✓
Housing material	Aluminium	Privacy type	Privacy shutter
Country of origin	China		
Display		Network	
Display diagonal *	39.6 cm (15.6")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	2880 x 1620 pixels	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	3K	Antenna type	2x2
Panel type	OLED	Ethernet LAN	✗
Native aspect ratio	16:10	Bluetooth	✓
Display brightness	400 cd/m <sup>2</sup>	Bluetooth version	5.3
Maximum display brightness (HDR)	550 cd/m <sup>2</sup>	Ports & interfaces	
RGB colour space	DCI-P3	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Colour gamut	100%	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Display response rise/fall	0.2 ms	USB4 Gen 3x2 ports quantity	1
Maximum refresh rate	120 Hz	HDMI ports quantity *	1
Contrast ratio (typical)	1000000:1	HDMI version	2.1
High Dynamic Range (HDR) supported	✓	Combo headphone/mic port	✓
High Dynamic Range (HDR) technology	HDR True Black 500	Charging port type	USB Type-C
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	AMD	USB Power Delivery	✓
Processor family *	AMD Ryzen AI 9	Keyboard	
Processor generation	AMD Ryzen AI 300	Pointing device	Touchpad
Processor model *	365	Numeric keypad *	✓
Processor cores	10	Keyboard backlit	✓
Processor threads	20	Keyboard backlit colour	RGB
Processor boost frequency	5 GHz	Keyboard backlit zone	1-zone RGB

<b>Processor</b>		<b>Software</b>	
Processor frequency *	2 GHz	Operating system architecture	64-bit
Processor cache	34 MB		1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days, One-Month Membership of Adobe Creative Cloud All Apps, Individual. The redemption duration from September 15, 2021 to August 31, 2024.
Processor cache type	L2 & L3	Trial software	
<b>Neural processor unit (NPU)</b>		Operating system installed *	Windows 11 Home
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	73 TOPs		
NPU performance up to	50 TOPs		
<b>Memory</b>		<b>Battery</b>	
Internal memory *	32 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 *	32 GB		
<b>Storage</b>		<b>Power</b>	
Total storage capacity *	1 TB	AC adapter power	90 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	1 TB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	AC adapter output current	4.5 A
SSD capacity	1 TB	AC adapter output voltage	20 V
SSD interface	PCI Express 4.0		
NVMe	✓	<b>Security</b>	
SSD form factor	M.2	Face recognition	✓
Optical drive type *	✗	Windows Hello	✓
Card reader integrated	✓	Trusted Platform Module (TPM)	✓
Compatible memory cards	MicroSD (TransFlash)	Password protection	✓
		Password protection type	BIOS, User
<b>Graphics</b>		<b>Sustainability</b>	
Discrete graphics card model *	Not available	Sustainability compliance	✓
On-board graphics card *	✓		
On-board GPU manufacturer	AMD	<b>Weight &amp; dimensions</b>	
Discrete graphics card *	✗	Width	353.6 mm
On-board graphics card model *	AMD Radeon 880M	Depth	246.9 mm
		Height (front)	1.39 cm
		Height (rear)	1.59 cm
		Weight *	1.5 kg
<b>Audio</b>		<b>Packaging data</b>	
Audio system	Smart Amp	Package width	65 mm
Speakers manufacturer	Harman Kardon	Package depth	460 mm
Built-in microphone	✓	Package height	290 mm
		Package weight	2.57 kg
		<b>Logistics data</b>	
		Commodity Classification Automated Tracking System (CCATS)	8471300000



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