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ASUS Vivobook S 15 OLED M5506UA-MA008W AMD Ryzen[™] 9 8945HS 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: 90NB1472-M003H0

Product name : M5506UA-MA008W

- Windows 11 Home 64-bit

- AMD Ryzen 9 8945HS (24MB Cache, 4GHz)

- 39.6 cm (15.6") 3K 2880 x 1800 OLED

- 16GB LPDDR5x-SDRAM & 1000GB SSD

AMD Ryzen 9 8945HS (24MB Cache, 4GHz), 16GB LPDDR5x-SDRAM, 1000GB SSD, 39.6 cm (15.6") 3K 2880 x 1800 OLED, AMD Radeon 780M, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook S 15 OLED M5506UA-MA008W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 9, Processor model: 8945HS, Processor frequency: 4 GHz. Display diagonal: 39.6 cm (15.6"), HD type: 3K, Display resolution: 2880 x 1800 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 780M. Operating system installed: Windows 11 Home. Product colour: Black



Design		Camera	
Colour name Product type * Product colour * Form factor *	Neutral Black Laptop Black Clamshell	Front camera HD type Infrared (IR) camera Privacy camera Privacy type	Full HD ✓ ✓ Privacy shutter
Housing material	Aluminium	Network	
Country of origin Display Display diagonal * Display resolution *	China 39.6 cm (15.6") 2880 x 1800 pixels	Top Wi-Fi standard * Wi-Fi standards Mobile network connection * Antenna type	Wi-Fi 6E (802.11ax) Wi-Fi 6E (802.11ax) X 2x2
Touchscreen * HD type	Х ЗК	Ethernet LAN Bluetooth	×
Panel type	OLED	Bluetooth version	5.3
	16:10 400 cd/m ² 550 cd/m ²	Ports & interfaces	
Display brightness Maximum display brightness (HDR)		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
RGB colour space Colour gamut	DCI-P3 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 Contrast ratio (typical)	120 Hz 1000000:1	HDMI ports quantity * HDMI version	1 2.1
High Dynamic Range (HDR) supported	✓	Combo headphone/mic port Charging port type	✓ USB Type-C
High Dynamic Range (HDR) technology	HDR True Black 500	USB Type-C DisplayPort Alternate Mode	✓
Processor		USB Power Delivery	4
Processor manufacturer *	AMD	Keyboard	
Processor family * Processor model * Processor cores Processor boost frequency Processor frequency * Processor cache	AMD Ryzen™ 9 8945HS 8 5.2 GHz 4 GHz 24 MB	Pointing device Numeric keypad * Keyboard backlit Keyboard backlit colour Keyboard backlit zone	Touchpad ✓ ✓ RGB 1-zone RGB

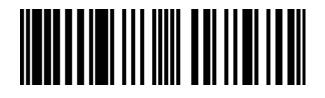


Processor		Software	
	L2 & L3		64-bit
Processor cache type Neural processor unit (NPU)		Operating system architecture Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days, One-Month Membership of Adobe Creative Cloud All Apps, Individual. The redemption duration from
Neural processor unit (NPU) Total processor performance up to NPU performance up to	AMD Ryzen Al 39 TOPs 16 TOPs		
Memory			September 15, 2021 to August 31, 2024.
Internal memory * Internal memory type Memory form factor Maximum internal memory *	16 GB LPDDR5x-SDRAM On-board 16 GB	Operating system installed * Battery Battery technology	Windows 11 Home Lithium-Ion (Li-Ion)
Storage		Number of battery cells	4
Total storage capacity *	1 TB	Battery capacity *	75 Wh
Storage media *	SSD	Power	
Total SSDs capacity Number of SSDs installed SSD capacity SSD interface NVMe	1 TB 1 1 TB PCI Express 4.0	AC adapter power AC adapter frequency AC adapter input voltage AC adapter output current AC adapter output voltage	90 W 50 - 60 Hz 100 - 240 V 4.5 A 20 V
SSD form factor	M.2	Security	
Optical drive type * Card reader integrated Compatible memory cards	¥ ✓ MicroSD (TransFlash)	Face recognition Windows Hello Trusted Platform Module (TPM)	
Graphics		Password protection	✓
Discrete graphics card model *	Not available	Password protection type	BIOS, User
On-board graphics card *	4	Sustainability	
On-board GPU manufacturer Discrete graphics card *	AMD	Sustainability compliance	✓
On-board graphics card model *	AMD Radeon 780M	Weight & dimensions	
Audio		Width	353.6 mm
Audio system Speakers manufacturer Built-in microphone	Smart Amp Harman Kardon 🗸	Depth Height (front) Height (rear) Weight *	246.9 mm 1.39 cm 1.59 cm 1.5 kg
Camera		Packaging data	
Front camera	4	Package width Package depth Package height Package weight	65 mm 460 mm 290 mm 2.57 kg

Logistics data

Commodity Classification Automated Tracking System (CCATS)

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