

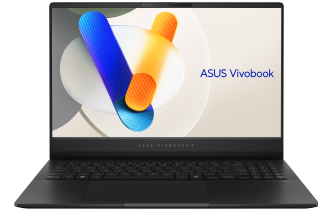
ASUS Vivobook S 15 OLED M5506UA-MA003W AMD Ryzen™ 7 8845HS Laptop 39.6 cm (15.6") 3K 16 GB LPDDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : ASUS

Product family: Vivobook

Product code: 90NB1472-M00090

Product name : M5506UA-MA003W



- Windows 11 Home 64-bit

- AMD Ryzen 7 8845HS (24MB Cache, 3.8GHz)

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

- 16GB LPDDR5-SDRAM & 512GB SSD

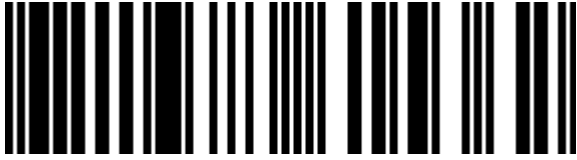
AMD Ryzen 7 8845HS (24MB Cache, 3.8GHz), 16GB LPDDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") 3K 2880 x 1800 OLED, AMD Radeon 780M, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook S 15 OLED M5506UA-MA003W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 8845HS, Processor frequency: 3.8 GHz. Display diagonal: 39.6 cm (15.6"), HD type: 3K, Display resolution: 2880 x 1800 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 780M. Operating system installed: Windows 11 Home. Product colour: Black



Design		Camera	
Colour name	Neutral Black	Infrared (IR) camera	✓
Product type *	Laptop	Privacy camera	✓
Product colour *	Black	Privacy type	Privacy shutter
Form factor *	Clamshell	Network	
Housing material	Aluminium	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Market positioning	Home	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Introduction year	2024	Mobile network connection *	✗
Country of origin	China	Antenna type	2x2
Display		Ethernet LAN	✗
Display diagonal *	39.6 cm (15.6")	Bluetooth	✓
Display resolution *	2880 x 1800 pixels	Bluetooth version	5.3
Touchscreen *	✗	Ports & interfaces	
HD type	3K	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Panel type	OLED	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Native aspect ratio	16:10	USB4 Gen 3x2 ports quantity	1
Display surface	Gloss	HDMI ports quantity *	1
Display brightness	400 cd/m ²	HDMI version	2.1
Maximum display brightness (HDR)	550 cd/m ²	Combo headphone/mic port	✓
RGB colour space	DCI-P3	Charging port type	USB Type-C
Colour gamut	100%	USB Type-C DisplayPort Alternate Mode	✓
Maximum refresh rate	120 Hz	USB Power Delivery	✓
Contrast ratio (typical)	1000000:1	Keyboard	
High Dynamic Range (HDR) supported	✓	Pointing device	Touchpad
High Dynamic Range (HDR) technology	HDR True Black 500	Numeric keypad *	✓
Processor		Keyboard backlit	✓
Processor manufacturer *	AMD		
Processor family *	AMD Ryzen™ 7		

Processor		Keyboard	
Processor model *	8845HS	Keyboard backlit colour	RGB
Processor cores	8	Keyboard backlit zone	1-zone RGB
Processor boost frequency	5.1 GHz	Software	
Processor frequency *	3.8 GHz	Operating system architecture	64-bit
Processor cache	24 MB	Trial software	1-month trial for new Microsoft 365 customers
Processor cache type	L2 & L3	Operating system installed *	Windows 11 Home
Neural processor unit (NPU)		Battery	
Neural processor unit (NPU)	AMD Ryzen AI	Battery technology	Lithium-Ion (Li-Ion)
Total processor performance up to	38 TOPs	Number of battery cells	4
NPU performance up to	16 TOPs	Battery capacity *	75 Wh
Memory		Power	
Internal memory *	16 GB	AC adapter power	90 W
Internal memory type	LPDDR5-SDRAM	AC adapter frequency	50 - 60 Hz
Memory form factor	On-board	AC adapter input voltage	100 - 240 V
Maximum internal memory *	16 GB	AC adapter output current	4.5 A
Storage		AC adapter output voltage	20 V
Total storage capacity *	512 GB	Security	
Storage media *	SSD	Face recognition	✓
Total SSDs capacity	512 GB	Windows Hello	✓
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	512 GB	Password protection	✓
SSD interface	PCI Express 4.0	Password protection type	BIOS, User
NVMe	✓	Certificates	
SSD form factor	M.2	Compliance certificates	REACH
Optical drive type *	✗	Sustainability	
Card reader integrated	✓	Sustainability compliance	✓
Compatible memory cards	MicroSD (TransFlash)	Sustainability certificates	ENERGY STAR
Graphics		Weight & dimensions	
Discrete graphics card model *	Not available	Width	353.6 mm
On-board graphics card *	✓	Depth	246.9 mm
Discrete graphics card *	✗	Height (front)	1.39 cm
On-board graphics card model *	AMD Radeon 780M	Height (rear)	1.59 cm
Audio		Weight *	1.5 kg
Audio system	Smart Amp	Packaging data	
Speakers manufacturer	Harman Kardon	Package width	65 mm
Built-in microphone	✓	Package depth	460 mm
Camera		Package height	290 mm
Front camera	✓	Package weight	2.57 kg
Front camera resolution	1920 x 1080 pixels	Logistics data	
Front camera HD type	Full HD	Commodity Classification Automated Tracking System (CCATS)	8471300000



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