

ASUS Vivobook S14 OLED M5406WA-DS76 Copilot+ PC AMD Ryzen AI 9 365 Laptop 35.6 cm (14") 3K 24 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black



Brand : ASUS

Product family: Vivobook

Product code: 90NB14P3-M002L0

Product name : M5406WA-DS76

- Windows 11 Home 64-bit
- AMD Ryzen AI 9 365 (24MB Cache, 2GHz)
- 35.6 cm (14") 3K 2880 x 1800 OLED
- 24GB LPDDR5x-SDRAM & 512GB SSD

AMD Ryzen AI 9 365 (24MB Cache, 2GHz), 24GB LPDDR5x-SDRAM, 512GB SSD, 35.6 cm (14") 3K 2880 x 1800 OLED, AMD Radeon 880M, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook S14 OLED M5406WA-DS76. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen AI 9, Processor model: 365, Processor frequency: 2 GHz. Display diagonal: 35.6 cm (14"), HD type: 3K, Display resolution: 2880 x 1800 pixels. Internal memory: 24 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 880M. Operating system installed: Windows 11 Home. Product colour: Black

Design		Audio	
Colour name	Neutral Black	Speakers manufacturer	Harman Kardon
Product type *	Laptop	Built-in microphone	✓
Product colour *	Black	Audio decoders	Dolby Atmos
Form factor *	Clamshell	Camera	
Housing material	Aluminium	Front camera	✓
Market positioning	Home	Front camera resolution	1920 x 1080 pixels
Introduction year	2024	Front camera HD type	Full HD
Display		Infrared (IR) camera	✓
Display diagonal *	35.6 cm (14")	Privacy camera	✓
Display resolution *	2880 x 1800 pixels	Privacy type	Privacy shutter
Touchscreen *	✗	Network	
HD type	3K	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Panel type	OLED	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display number of colours	1.073 billion colours	Mobile network connection *	✗
Native aspect ratio	16:10	Antenna type	2x2
Display surface	Gloss	Ethernet LAN	✗
Display brightness	400 cd/m ²	Bluetooth	✓
Maximum display brightness (HDR)	600 cd/m ²	Bluetooth version	5.3
RGB colour space	DCI-P3	Ports & interfaces	
Colour gamut	100%	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Maximum refresh rate	120 Hz	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Contrast ratio (typical)	1000000:1	USB4 Gen 3x2 ports quantity	1
High Dynamic Range (HDR) supported	✓	HDMI ports quantity *	1
High Dynamic Range (HDR) technology	HDR True Black 600	HDMI version	2.1
Processor		Combo headphone/mic port	✓
Processor manufacturer *	AMD	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	AMD Ryzen AI 9	Performance	
Processor generation	AMD Ryzen AI 300 Series	Repairability index	8.4
Processor model *	365	Keyboard	
Processor cores	10	Pointing device	Touchpad
Processor threads	20		
Processor boost frequency	5 GHz		
Processor frequency *	2 GHz		

Processor		Keyboard	
Processor cache	24 MB	Numeric keypad *	✗
Processor cache type	L3	Keyboard backlit	✓
Neural processor unit (NPU)		Keyboard backlit colour	RGB
Copilot+ PC	✓	Keyboard backlit zone	1-zone RGB
Neural processor unit (NPU)	AMD Ryzen AI	Copilot key	✓
Total processor performance up to	73 TOPs	Software	
NPU performance up to	50 TOPs	Operating system architecture	64-bit
Memory		Microsoft Copilot	✓
Internal memory *	24 GB	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days
Internal memory type	LPDDR5x-SDRAM	Operating system installed *	Windows 11 Home
Memory form factor	On-board	Battery	
Maximum internal memory *	24 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage		Number of battery cells	4
Total storage capacity *	512 GB	Battery capacity *	75 Wh
Storage media *	SSD	Power	
Total SSDs capacity	512 GB	AC adapter power	90 W
Number of SSDs installed	1	AC adapter frequency	50 -60 Hz
SSD capacity	512 GB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	AC adapter output current	4.5 A
NVMe	✓	AC adapter output voltage	20 V
SSD form factor	M.2	USB Type-C charging port *	✓
Optical drive type *	✗	USB Power Delivery (USB PD)	✓
Card reader integrated	✓	Security	
Compatible memory cards	MicroSD (TransFlash)	Face recognition	✓
Graphics		Windows Hello	✓
Discrete graphics card model *	Not available	Trusted Platform Module (TPM)	✓
On-board graphics card *	✓	Password protection	✓
On-board GPU manufacturer	AMD	Certificates	
Discrete graphics card *	✗	Compliance certificates	REACH
On-board graphics card family	AMD Radeon	Sustainability	
On-board graphics card model *	AMD Radeon 880M	Sustainability certificates	ENERGY STAR, EPEAT Silver
Audio		Weight & dimensions	
Audio system	Smart Amp	Width	310.5 mm
		Depth	221.9 mm
		Height (front)	1.39 cm
		Height (rear)	1.59 cm
		Weight *	1.3 kg



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