

## ASUS Vivobook S14 OLED M5406WA-DH71-CB AMD Ryzen AI 9 365 Laptop 35.6 cm (14") 3K 24 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black



**Brand :** ASUS

**Product family:** Vivobook

**Product code:** 90NB14P3-M006Z0

**Product name :** M5406WA-DH71-CB

AMD Ryzen AI 9 365 (24MB Cache, 2GHz), 24GB LPDDR5x-SDRAM, 1000GB SSD, 35.6 cm (14") 3K 2880 x 1800 OLED, AMD Radeon 880M, WLAN, Webcam, Windows 11 Home 64-bit

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ASUS Vivobook S 14

### Super AI. Stunning style.

The ASUS Vivobook S 14 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<sup>7</sup> provides instant one-touch access to AI capabilities. With a slim 1.39 cm profile, weighing 1.3 kg<sup>1</sup>, and up to a 75 Wh 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	Neutral Black	Front camera	✓
Product type *	Laptop	Front camera resolution	1920 x 1080 pixels
Product colour *	Black	Front camera HD type	Full HD
Form factor *	Clamshell	Infrared (IR) camera	✓
Housing material	Aluminium	Privacy camera	✓
Market positioning	Home	Privacy type	Privacy shutter
Display		Network	
Display diagonal *	35.6 cm (14")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	2880 x 1800 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 surface	Gloss	Bluetooth version	5.3
Display brightness	400 cd/m <sup>2</sup>	Ports & interfaces	
Maximum display brightness (HDR)	600 cd/m <sup>2</sup>	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
RGB colour space	DCI-P3	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Colour gamut	100%	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 600	USB Type-C DisplayPort Alternate Mode	✓
Processor		Performance	
Processor manufacturer *	AMD	Repairability index	8.4
Processor family *	AMD Ryzen AI 9	Keyboard	
Processor model *	365	Pointing device	Touchpad
Processor cores	10		
Processor threads	20		
Processor boost frequency	5 GHz		

<b>Processor</b>		<b>Keyboard</b>	
Processor frequency *	2 GHz	Numeric keypad *	✗
Processor cache	24 MB	Keyboard backlit	✓
Processor cache type	L3	Keyboard backlit colour	RGB
<b>Neural processor unit (NPU)</b>		Keyboard backlit zone	1-zone RGB
Neural processor unit (NPU)	AMD Ryzen AI	<b>Software</b>	
Total processor performance up to	73 TOPs	Operating system architecture	64-bit
NPU performance up to	50 TOPs	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
<b>Memory</b>		Operating system installed *	Windows 11 Home
Internal memory *	24 GB	<b>Battery</b>	
Internal memory type	LPDDR5x-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	On-board	Number of battery cells	4
Maximum internal memory *	24 GB	Battery capacity *	75 Wh
<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	USB Type-C charging port *	✓
NVMe	✓	USB Power Delivery (USB PD)	✓
SSD form factor	M.2	<b>Security</b>	
M.2 SSD size	2280 (22 x 80 mm)	Windows Hello	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✓	Password protection	✓
Compatible memory cards	MicroSD (TransFlash)	<b>Certificates</b>	
<b>Graphics</b>		Compliance certificates	REACH
Discrete graphics card model *	Not available	<b>Sustainability</b>	
On-board graphics card *	✓	Sustainability certificates	ENERGY STAR, EPEAT Silver
On-board GPU manufacturer	AMD	<b>Weight &amp; dimensions</b>	
Discrete graphics card *	✗	Width	310.5 mm
On-board graphics card model *	AMD Radeon 880M	Depth	221.9 mm
<b>Audio</b>		Height (front)	1.39 cm
Audio system	Smart Amp	Height (rear)	1.59 cm
Speakers manufacturer	Harman Kardon	Weight *	1.3 kg
Built-in microphone	✓	<b>Packaging content</b>	
		AC adapter included *	✓



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