

## ASUS Vivobook S 14 OLED M5406WA-PP068X 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 Pro Silver

**Brand :** ASUS

**Product family:** Vivobook

**Article code:** 90NB14P1-M003F0

**Product name :** M5406WA-PP068X

ASUS Vivobook S 14 OLED M5406WA-PP068X. 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: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 880M. Operating system installed: Windows 11 Pro. Product color: Silver



Design		Audio	
Colour name	Cool Silver	Audio system	Smart Amp
Product type *	Laptop	Built-in microphone	✓
Product colour *	Silver	Camera	
Form factor *	Clamshell	Front camera	✓
Housing material	Aluminium	Front camera resolution	1920 x 1080 pixels
Market positioning	Home	Front camera HD type	Full HD
Introduction year	2024	Infrared (IR) camera	✓
Display		Privacy camera	✓
Display diagonal *	35.6 cm (14")	Privacy type	Privacy shutter
Display resolution *	2880 x 1800 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
HD type	3K	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Panel type	OLED	Mobile network connection *	✗
Native aspect ratio	16:9	Antenna type	2x2
Display surface	Gloss	Ethernet LAN	✗
Display brightness	400 cd/m²	Bluetooth	✓
Maximum display brightness (HDR)	600 cd/m²	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 *	2
Display number of colours	1.073 billion colours	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	Charging port type	USB Type-C
Processor			
Processor manufacturer *	AMD		

Processor		Ports & interfaces	
Processor family *	AMD Ryzen AI 9	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	AMD Ryzen AI 300	Keyboard	
Processor model *	365	Pointing device	Touchpad
Processor cores	10	Numeric keypad *	✗
Processor threads	20	Keyboard backlit	✓
Processor boost frequency	5 GHz	Keyboard backlit colour	RGB
Processor frequency *	2 GHz	Keyboard backlit zone	1-zone RGB
Processor cache	24 MB	Copilot key	✓
Processor cache type	L3	Software	
Neural processor unit (NPU)		Operating system architecture	64-bit
Neural processor unit (NPU)	AMD Ryzen AI	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days
Total processor performance up to	73 TOPs	Operating system installed *	Windows 11 Pro
NPU performance up to	50 TOPs	Battery	
Memory		Battery technology	Lithium-Ion (Li-Ion)
Internal memory *	24 GB	Number of battery cells	4
Internal memory type	LPDDR5x-SDRAM	Battery capacity *	75 Wh
Memory form factor	On-board	Power	
Maximum internal memory *	24 GB	AC adapter power	90 W
Storage		AC adapter frequency	50 -60 Hz
Total storage capacity *	1 TB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	AC adapter output current	4.5 A
Total SSDs capacity	1 TB	AC adapter output voltage	20 V
Number of SSDs installed	1	USB Type-C charging port *	✓
SSD capacity	1 TB	USB Power Delivery (USB PD) *	✓
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Face recognition	✓
SSD form factor	M.2	Windows Hello	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✓	Certificates	
Compatible memory cards	MicroSD (TransFlash)	Compliance certificates	REACH
Graphics		Sustainability	
Discrete graphics card model *	Not available	Sustainability certificates	ENERGY STAR, EPEAT Silver
On-board graphics card *	✓	Weight & dimensions	
On-board GPU manufacturer	AMD	Width	310.5 mm
Discrete graphics card *	✗	Depth	221.9 mm
On-board graphics card family	AMD Radeon	Height (front)	1.39 cm
On-board graphics card model *	AMD Radeon 880M	Height (rear)	1.59 cm
		Weight *	1.3 kg



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