

ASUS Vivobook 14 X1407QA-LY045W Copilot+ PC Snapdragon X1-26-100 Laptop 35.6 cm (14") WUXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Gold

Brand : ASUS

Product family: Vivobook

Product code: 90NB1602-M005R0

Product name : X1407QA-LY045W Copilot+ PC



Qualcomm Snapdragon X1-26-100 (30MB Cache, 3GHz), 16GB LPDDR5x-SDRAM, 512GB SSD, 35.6 cm (14") WUXGA 1920 x 1200 IPS-Level, Qualcomm Adreno GPU, WLAN, Webcam, Windows 11 Home 64-bit

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More Intelligent, More Productive, More Secure

It's here! We're proud to present the ASUS Copilot+ PC — ASUS Vivobook 14. Powered by the latest AI-enabled processors, these PCs bring you a next-level AI experience, with enhanced security, speed, and personalization. With integrated AI engines to accelerate AI computing, Microsoft Copilot for personalized assistance, and a suite of powerful ASUS AI applications, your PC is now your ultimate companion. Experience the difference easier, faster, smarter, and smoother — ASUS Copilot+ PC puts an extraordinary AI experience at your fingertips, now.

Design		Camera	
Colour name	Platinum Gold	Front camera HD type	Full HD
Product type *	Laptop	Privacy camera	✓
Product colour *	Gold	Privacy type	Privacy shutter
Form factor *	Clamshell	Network	
Housing material	Plastic	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Market positioning	Home	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Introduction year	2025	Mobile network connection *	✗
Display		Antenna type	2x2
Display diagonal *	35.6 cm (14")	Ethernet LAN	✗
Display resolution *	1920 x 1200 pixels	Bluetooth	✓
Touchscreen *	✗	Bluetooth version	5.3
HD type	WUXGA	Ports & interfaces	
Panel type	IPS-Level	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
LED backlight	✓	USB4 Gen 3x2 ports quantity	2
Native aspect ratio	16:10	HDMI ports quantity *	1
Anti-glare screen	✓	HDMI version	2.1
Display brightness	300 cd/m²	Combo headphone/mic port	✓
RGB colour space	NTSC	USB Type-C DisplayPort Alternate Mode	✓
Colour gamut	45%	Performance	
Maximum refresh rate	60 Hz	Repairability index	9.5
Processor		Keyboard	
Processor manufacturer *	Qualcomm	Pointing device	Touchpad
Processor family *	Snapdragon	Numeric keypad *	✗
Processor generation	Snapdragon X	Keyboard backlit	✓
Processor model *	X1-26-100		
Processor cores	8		
Processor frequency *	3 GHz		
Processor cache	30 MB		

Neural processor unit (NPU)		Keyboard	
Copilot+ PC	✓	Copilot key	✓
Neural processor unit (NPU)	Qualcomm Hexagon	Software	
NPU performance up to	45 TOPs	Operating system architecture	64-bit
Memory		Microsoft Copilot	✓
Internal memory *	16 GB	Trial software	1-month trial for new Microsoft 365 customers
Internal memory type	LPDDR5x-SDRAM	Operating system installed *	Windows 11 Home
Memory form factor	On-board	Battery	
Maximum internal memory *	16 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage		Number of battery cells	3
Total storage capacity *	512 GB	Battery capacity *	50 Wh
Storage media *	SSD	Power	
Total SSDs capacity	512 GB	AC adapter power	65 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	3.25 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	
Graphics		Trusted Platform Module (TPM)	✓
Discrete graphics card model *	Not available	Password protection	✓
On-board graphics card *	✓	Password protection type	BIOS, User
Discrete graphics card *	✗	Certificates	
On-board graphics card family	Qualcomm Adreno	Compliance certificates	REACH
On-board graphics card model *	Qualcomm Adreno GPU	Sustainability	
Audio		Sustainability certificates	ENERGY STAR
Audio system	SonicMaster	Weight & dimensions	
Built-in microphone	✓	Width	315.2 mm
Camera		Depth	223.4 mm
Front camera	✓	Height (front)	1.79 cm
Front camera resolution	1920 x 1080 pixels	Height (rear)	1.99 cm
		Weight *	1.49 kg
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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