

ASUS Vivobook 14 X1407CA-LY086W Intel Core Ultra 5 225H Laptop 35.6 cm (14") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Gold

Brand : ASUS

Product family: Vivobook

Product code: 90NB1582-M003C0

Product name : X1407CA-LY086W



Intel Core Ultra 5 225H (18MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 35.6 cm (14") WUXGA 1920 x 1200, Intel Arc 130T, WLAN, Webcam, Windows 11 Home 64-bit

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More Intelligent, More Productive, More Secure

ASUS Vivobook 14 is the perfect sidekick for your daily adventures. With a speedy Intel® Core™ Ultra 5 Processor (Series 2), 16 GB of RAM, and a spacious 512 GB SSD, you'll breeze through tasks like a pro. Its stunning 16:10 WUXGA(WU) 1920x1200 IPS 60 Hz 14-inch display brings everything to life in crisp detail. The sleek modern design features a comfy and quiet ASUS ErgoSense keyboard, a roomy touchpad with intuitive gesture support, and a flexible 180° hinge, making your workdays and playdays more efficient and enjoyable. Plus, with top-notch security features and military-grade durability, you can relax knowing your laptop is as tough as it is smart. Upgrade your everyday with this amazing ASUS Vivobook laptop!

Design		Storage	
Colour name	Platinum Gold	Card reader integrated	✗
Product type *	Laptop	Graphics	
Product colour *	Gold	Discrete graphics card model *	Not available
Form factor *	Clamshell	On-board graphics card *	✓
Housing material	Plastic	On-board GPU manufacturer	Intel
Market positioning	Home	Discrete graphics card *	✗
Introduction year	2025	On-board graphics card family	Intel Arc Graphics
Display		On-board graphics card model *	Intel Arc 130T
Display diagonal *	35.6 cm (14")	Audio	
Display resolution *	1920 x 1200 pixels	Audio system	SonicMaster
Touchscreen *	✗	Built-in microphone	✓
HD type	WUXGA	Camera	
LED backlight	✓	Front camera	✓
Native aspect ratio	16:10	Front camera resolution	1920 x 1080 pixels
Anti-glare screen	✓	Front camera HD type	Full HD
Display brightness	300 cd/m ²	Privacy camera	✓
RGB colour space	NTSC	Privacy type	Privacy shutter
Colour gamut	45%	Network	
Maximum refresh rate	60 Hz	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Processor		Wi-Fi standards	Wi-Fi 6 (802.11ax)
Processor manufacturer *	Intel	Mobile network connection *	✗
Processor family *	Intel Core Ultra 5	Antenna type	1x1
Processor generation	Intel Core Ultra (Series 2)	Ethernet LAN	✗
Processor model *	225H	Bluetooth	✓
Processor cores	14	Bluetooth version	5.2
Processor threads	14		
Processor boost frequency	4.9 GHz		
Performance cores	4		

Processor		Ports & interfaces	
Efficient cores	8	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Low Power Efficient-cores	2	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
Performance-core Max Turbo Frequency	4.9 GHz	HDMI ports quantity *	1
Efficient-core Max Turbo Frequency	4.3 GHz	HDMI version	1.4
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Combo headphone/mic port	✓
Performance-core base frequency	1.7 GHz	USB Type-C DisplayPort Alternate Mode	✓
Efficient-core base frequency	1.3 GHz	Keyboard	
Low Power Efficient-core Base Frequency	700 MHz	Pointing device	Touchpad
Processor cache	18 MB	Numeric keypad *	✗
Processor base power	28 W	Keyboard backlit	✓
Maximum turbo power	115 W	Copilot key	✓
Neural processor unit (NPU)		Software	
Neural processor unit (NPU)	Intel AI Boost	Operating system architecture	64-bit
Sparsity support	✓	Microsoft Copilot	✓
Windows Studio effects support	✓	Trial software	1-month trial for new Microsoft 365 customers
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Operating system installed *	Windows 11 Home
Total processor performance up to	83 TOPs	Battery	
NPU performance up to	13 TOPs	Battery technology	Lithium-Ion (Li-Ion)
GPU performance up to	63 TOPs	Number of battery cells	3
Memory		Battery capacity *	42 Wh
Internal memory *	16 GB	Power	
Internal memory type	DDR5-SDRAM	AC adapter power	65 W
Memory form factor	On-board	AC adapter frequency	50 - 60 Hz
Storage		AC adapter input voltage	100 - 240 V
Total storage capacity *	512 GB	AC adapter output current	3.25 A
Storage media *	SSD	AC adapter output voltage	20 V
Total SSDs capacity	512 GB	USB Type-C charging port *	✓
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	512 GB	Security	
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Password protection	✓
SSD form factor	M.2	Password protection type	BIOS, User
Optical drive type *	✗	Weight & dimensions	
		Width	315.2 mm
		Depth	223.4 mm
		Height	17.9 mm
		Weight *	1.49 kg
		Packaging content	
		AC adapter included *	✓



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