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 Blue

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	
Colour name	Quiet Blue
Product type *	Laptop
Product colour *	Blue
Form factor *	Clamshell
Housing material	Plastic
Market positioning	Home
Introduction year	2025

Display	
Display diagonal *	35.6 cm (14")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✗
HD type	WUXGA
LED backlight	✓
Native aspect ratio	16:10
Anti-glare screen	✓
Display brightness	300 cd/m²
RGB colour space	NTSC
Colour gamut	45%
Maximum refresh rate	60 Hz

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 5
Processor generation	Intel Core Ultra (Series 2)
Processor model *	225H
Processor cores	14
Processor threads	14
Processor boost frequency	4.9 GHz
Performance cores	4

Storage	
Card reader integrated	✗

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✓
On-board GPU manufacturer	Intel
Discrete graphics card *	✗
On-board graphics card family	Intel Arc Graphics
On-board graphics card model *	Intel Arc 130T

Audio	
Audio system	SonicMaster
Built-in microphone	✓

Camera	
Front camera	✓
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Privacy camera	✓
Privacy type	Privacy shutter

Network	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Mobile network connection *	✗
Antenna type	1x1
Ethernet LAN	✗
Bluetooth	✓
Bluetooth version	5.2

Processor	
Efficient cores	8
Low Power Efficient-cores	2
Performance-core Max Turbo Frequency	4.9 GHz
Efficient-core Max Turbo Frequency	4.3 GHz
Low Power Efficient-core Max Turbo Frequency	2.5 GHz
Performance-core base frequency	1.7 GHz
Efficient-core base frequency	1.3 GHz
Low Power Efficient-core Base Frequency	700 MHz
Processor cache	18 MB
Processor base power	28 W
Maximum turbo power	115 W

Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✔
Windows Studio effects support	✔
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN
Total processor performance up to	83 TOPs
NPU performance up to	13 TOPs
GPU performance up to	63 TOPs

Memory	
Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory form factor	On-board

Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
HDMI ports quantity *	1
HDMI version	1.4
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✘
Keyboard backlit	✔
Copilot key	✔

Software	
Operating system architecture	64-bit
Trial software	1-month trial for new Microsoft 365 customers
Operating system installed *	Windows 11 Home
Microsoft Copilot	✔

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	42 Wh

Power	
AC adapter power	65 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	3.25 A
AC adapter output voltage	20 V
USB Type-C charging port *	✔
USB Power Delivery (USB PD)	✔

Security	
Trusted Platform Module (TPM)	✔
Password protection	✔
Password protection type	BIOS, User

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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