

ASUS Vivobook 16 X1607CA-MB063W Copilot+ PC Intel Core Ultra 7 255H Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Blue



Brand : ASUS

Product family: Vivobook

Product code: 90NB15A1-M00CV0

Product name : X1607CA-MB063W Copilot+ PC

Intel Core Ultra 7 255H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 16" WUXGA 1920 x 1200 IPS-Level, Intel Arc 140T, WLAN, Webcam, Windows 11 Home 64-bit

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More Intelligent, More Productive, More Secure

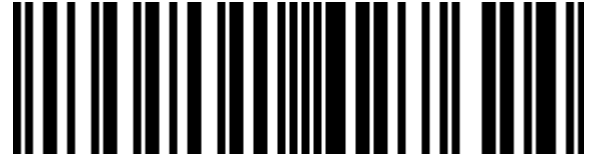
ASUS Vivobook 16 is the perfect sidekick for your daily adventures. With a speedy Intel® Core™ Ultra 5 (Series 2) processor, up to 32 GB of RAM, and a up to spacious 1 TB SSD, you'll breeze through tasks like a pro. Its stunning 16:10 up to FHD IPS 16-inch display brings everything to life in crisp detail. 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 16!

Design		Graphics	
Colour name	Quiet Blue	On-board graphics card family	Intel Arc Graphics
Product type *	Laptop	On-board graphics card model *	Intel Arc 140T
Product colour *	Blue	Audio	
Form factor *	Clamshell	Audio system	SonicMaster
Housing material	Plastic	Built-in microphone	✓
Market positioning	Home	Camera	
Certified refurbished	✗	Front camera	✓
Display		Front camera resolution	1920 x 1080 pixels
Display diagonal *	40.6 cm (16")	Front camera HD type	Full HD
Display resolution *	1920 x 1200 pixels	Infrared (IR) camera	✓
Touchscreen *	✗	Privacy camera	✓
HD type	WUXGA	Privacy type	Privacy shutter
Panel type	IPS-Level	Network	
LED backlight	✓	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Native aspect ratio	16:10	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Anti-glare screen	✓	Mobile network connection *	✗
Display brightness	300 cd/m ²	Antenna type	1x1
RGB colour space	NTSC	Ethernet LAN	✗
Colour gamut	45%	Bluetooth	✓
Maximum refresh rate	60 Hz	Bluetooth version	5.2
Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor family *	Intel Core Ultra 7	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
Processor generation	Intel Core Ultra (Series 2)	HDMI ports quantity *	1
Processor model *	255H	HDMI version	1.4
Processor cores	16	Combo headphone/mic port	✓
Processor threads	16	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	5.1 GHz		
Performance cores	6		
Efficient cores	8		
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	5.1 GHz		

Processor		Keyboard	
Efficient-core Max Turbo Frequency	4.4 GHz	Pointing device	Touchpad
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Numeric keypad *	✓
Performance-core base frequency	2 GHz	Software	
Efficient-core base frequency	1.5 GHz	Operating system architecture	64-bit
Low Power Efficient-core Base Frequency	700 MHz	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Processor cache	24 MB	Operating system installed *	Windows 11 Home
Processor base power	28 W	Bundled software 3-Month GoPro Premium+ Subscription *Available in eligible markets only. Eligibility varies by region, device, and time. Terms and conditions apply. See promotion pages for details. 1-Month Membership of Adobe Creative Cloud All Apps, Individual. The redemption duration from September 15, 2021 to August 31, 2026. Xbox Game Pass Premium_2 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Premium. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)	
Maximum turbo power	115 W		
Neural processor unit (NPU)			
Copilot+ PC	✓		
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	96 TOPs		
NPU performance up to	13 TOPs		
GPU performance up to	74 TOPs		
Memory		Battery	
Internal memory *	16 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	DDR5-SDRAM	Number of battery cells	3
Memory form factor	On-board	Battery capacity *	42 Wh
Memory slots	1x SO-DIMM	Power	
Maximum internal memory *	32 GB	AC adapter power	65 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	3.25 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	✗	Password protection	✓
Graphics		Password protection type	BIOS, User
Discrete graphics card model *	Not available	Certificates	
On-board graphics card *	✓	Compliance certificates	REACH
On-board GPU manufacturer	Intel	Sustainability	
Discrete graphics card *	✗	Sustainability certificates	EPEAT Silver, ENERGY STAR
		Weight & dimensions	
		Width	357 mm
		Depth	250.6 mm
		Height (front)	1.79 cm
		Height (rear)	1.99 cm
		Weight *	1.88 kg
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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