

ASUS Vivobook 16 X1607AA-MB019W Copilot+ PC Intel Core Ultra 5 325 Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Silver

Brand : ASUS

Product family: Vivobook

Product code: 90NB1722-M002M0

Product name : X1607AA-MB019W



Intel Core Ultra 5 325 (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 16" WUXGA 1920 x 1200 IPS-Level, Intel Graphics, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook 16 X1607AA-MB019W Copilot+ PC Intel Core Ultra 5 325 Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Silver:



More Intelligent, More Productive, More Secure

The ASUS Vivobook 16 is equipped with up to an Intel® Core™ Ultra 7 Series 3 processor and blazing-fast Wi-Fi 6E. With up to 32 GB of RAM and a up to spacious 1 TB SSD, you'll enjoy lightning-fast performance and ample storage for everyday use, from web browsing to entertainment. Experience a significant upgrade in performance with increased CPU wattage, now up to 35W. Enhanced heat pipe technology and a taller fan design improve airflow, ensuring cooler and more stable operation under heavy loads.

Design		Audio	
Colour name	Cool Silver	Built-in microphone	✓
Product type *	Laptop	Camera	
Product colour *	Silver	Front camera	✓
Form factor *	Clamshell	Front camera resolution	1920 x 1080 pixels
Housing material	Plastic	Front camera HD type	Full HD
Display back cover material	Plastic	Privacy camera	✓
Market positioning	Home	Privacy type	Privacy shutter
Introduction year	2026	Network	
Country of origin	China	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display		Wi-Fi standards	Wi-Fi 6 (802.11ax)
Display diagonal *	40.6 cm (16")	Mobile network connection *	✗
Display resolution *	1920 x 1200 pixels	Antenna type	1x1
Touchscreen *	✗	Ethernet LAN	✗
HD type	WUXGA	Bluetooth	✓
Panel type	IPS-Level	Bluetooth version	5.3
LED backlight	✓	Ports & interfaces	
Native aspect ratio	16:10	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
Display brightness	300 cd/m²	HDMI ports quantity *	1
RGB colour space	NTSC	HDMI version	2.1
Colour gamut	45%	Combo headphone/mic port	✓
Maximum refresh rate	60 Hz	USB Type-C DisplayPort Alternate Mode	✓
Processor		Keyboard	
Processor manufacturer *	Intel	Pointing device	Touchpad
Processor family *	Intel Core Ultra 5		
Processor generation	Intel® Core™ Ultra (Series 3)		
Processor model *	325		
Processor cores	8		

Processor		Keyboard	
Processor threads	8	Numeric keypad *	✓
Processor boost frequency	4.5 GHz	Software	
Performance cores	4	Operating system architecture	64-bit
Low Power Efficient-cores	4	Trial software	1-month trial for new Microsoft 365 customers; McAfee 30 days free trial
Performance-core Max Turbo Frequency	4.5 GHz	Operating system installed *	Windows 11 Home
Low Power Efficient-core Max Turbo Frequency	3.4 GHz	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.
Performance-core base frequency	2.1 GHz		
Low Power Efficient-core Base Frequency	1600 MHz		
Processor cache	12 MB	Battery	
Processor cache type	Smart Cache	Battery technology	Lithium-Ion (Li-Ion)
Processor base power	25 W	Number of battery cells	4
Maximum turbo power	55 W	Battery capacity *	70 Wh
Neural processor unit (NPU)		Power	
Copilot+ PC	✓	AC adapter power	68 W
Neural processor unit (NPU)	Intel AI Boost	AC adapter frequency	50 - 60 Hz
Sparsity support	✓	AC adapter input voltage	100 - 240 V
Windows Studio effects support	✓	AC adapter output current	3.4 A
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	AC adapter output voltage	20 V
NPU performance up to	47 TOPs	USB Type-C charging port *	✓
GPU performance up to	40 TOPs	USB Type-C required charging power (min) *	45 W
Memory		USB Type-C required charging power (max) *	68 W
Internal memory *	16 GB	USB Power Delivery (USB PD)	✓
Internal memory type	DDR5-SDRAM	Security	
Memory form factor	On-board + SO-DIMM	Trusted Platform Module (TPM)	✓
Memory slots	1x SO-DIMM	Password protection	✓
Maximum internal memory *	32 GB	Password protection type	BIOS, User
Storage		Certificates	
Total storage capacity *	512 GB	Compliance certificates	REACH
Storage media *	SSD	Sustainability	
Total SSDs capacity	512 GB	Sustainability certificates	ENERGY STAR
Number of SSDs installed	1	Weight & dimensions	
SSD capacity	512 GB	Width	357 mm
SSD interface	PCI Express 4.0	Depth	250.6 mm
NVMe	✓	Height	19.9 mm
SSD form factor	M.2	Height (front)	1.79 cm
Optical drive type *	✗	Height (rear)	1.99 cm
Card reader integrated	✗	Weight *	1.88 kg
Graphics		Packaging data	
Discrete graphics card model *	Not available	Package width	65 mm
On-board graphics card *	✓	Package depth	488 mm
On-board GPU manufacturer	Intel	Package height	310 mm
Discrete graphics card *	✗	Package weight	2.95 kg
On-board graphics card family	Intel® Graphics	Packaging content	
On-board graphics card model *	Intel® Graphics	AC adapter included *	✓
Audio			
Audio system	SonicMaster		

Logistics data

Commodity Classification Automated Tracking System (CCATS)	8471300000
--	------------



4711636486262



0199291486263



199291486263

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.