

ASUS Vivobook 16 X1607QA-MB005W Copilot+ PC Snapdragon X1-26-100 Laptop 40.6 cm (16") WUXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Blue

Brand : ASUS

Product family: Vivobook

Product code: 90NB15Z1-M000LO

Product name : X1607QA-MB005W



- Windows 11 Home 64-bit
- Qualcomm Snapdragon X1-26-100 (30MB Cache)
- 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level
- 16GB LPDDR5x-SDRAM & 512GB SSD

Qualcomm Snapdragon X1-26-100 (30MB Cache), 16GB LPDDR5x-SDRAM, 512GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level, Qualcomm Adreno GPU, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook 16 X1607QA-MB005W Copilot+ PC Snapdragon X1-26-100 Laptop 40.6 cm (16") WUXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Blue:



More Intelligent, More Productive, More Secure

More intelligent

It's here! We're proud to present the ASUS Copilot+ PC — ASUS Vivobook 16. 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	Quiet Blue	Front camera	✓
Product type *	Laptop	Front camera HD type	Full HD
Product colour *	Blue	Infrared (IR) camera	✓
Form factor *	Clamshell	Privacy camera	✓
Housing material	Plastic	Privacy type	Privacy shutter
Market positioning	Home		
Display		Network	
Display diagonal *	40.6 cm (16")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1200 pixels	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	WUXGA	Antenna type	2x2
Panel type	IPS-Level	Ethernet LAN	✗
LED backlight	✓	Bluetooth	✓
Native aspect ratio	16:10	Bluetooth version	5.3
Anti-glare screen	✓	Ports & interfaces	
Display brightness	300 cd/m ²	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
RGB colour space	NTSC	USB4 Gen 3x2 ports quantity	2
Colour gamut	45%	HDMI ports quantity *	1
Maximum refresh rate	60 Hz	HDMI version	2.1
Processor		Combo headphone/mic port	✓
Processor manufacturer *	Qualcomm	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	Snapdragon	Keyboard	
Processor generation	Snapdragon X	Pointing device	Touchpad
Processor model *	X1-26-100	Numeric keypad *	✓
Processor cores	8	Copilot key	✓
Processor threads	8		
Processor boost frequency	2.97 GHz		
Processor cache	30 MB		

Neural processor unit (NPU)		Software	
Copilot+ PC	✓	Operating system architecture	64-bit
Neural processor unit (NPU)	Qualcomm Hexagon	Microsoft Copilot	✓
NPU performance up to	45 TOPs	Operating system installed *	Windows 11 Home
Memory		Battery	
Internal memory *	16 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	LPDDR5x-SDRAM	Number of battery cells	3
Memory form factor	On-board	Battery capacity *	70 Wh
Maximum internal memory *	16 GB	Power	
Storage		AC adapter power	65 W
Total storage capacity *	512 GB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	512 GB	AC adapter output current	3.25 A
Number of SSDs installed	1	AC adapter output voltage	20 V
SSD capacity	512 GB	USB Type-C charging port *	✓
SSD interface	PCI Express 4.0	USB Power Delivery (USB PD)	✓
NVMe	✓	Security	
SSD form factor	M.2	Windows Hello	✓
M.2 SSD size	2280 (22 x 80 mm)	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	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	Qualcomm	Sustainability	
Discrete graphics card *	✗	Sustainability certificates	ENERGY STAR
On-board graphics card family	Qualcomm Adreno	Weight & dimensions	
On-board graphics card model *	Qualcomm Adreno GPU	Width	357 mm
Audio		Depth	250.6 mm
Audio system	SonicMaster	Height (front)	1.79 cm
Built-in microphone	✓	Height (rear)	1.99 cm
		Weight *	1.88 kg
		Packaging content	
		AC adapter included *	✓

Catalog Object Cloud



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