

ASUS Vivobook 16 M1607KA-MB145W Copilot+ PC AMD Ryzen™ AI 5 330 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: 90NB15F2-M00AM0

Product name : M1607KA-MB145W Copilot+ PC

AMD Ryzen AI 5 330 (2GHz), 16GB DDR5-SDRAM, 512GB SSD, 16" WUXGA 1920 x 1200 IPS-Level, AMD Radeon 820M, WLAN, Webcam, Windows 11 Home 64-bit

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Smart, Streamlined, Safe

ASUS Vivobook 16 is the perfect sidekick for your daily adventures. With a speedy up to AMD Ryzen™ AI 7 350 processor, up to 32 GB1 of RAM, and up to a spacious 1 TB SSD2, you'll breeze through tasks like a pro. Its stunning up to 16:10 FHD IPS 60 Hz 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 laptop!

Design		Audio	
Colour name	Cool Silver	Built-in microphone	✓
Product type *	Laptop	Camera	
Product colour *	Silver	Front camera	✓
Form factor *	Clamshell	Front camera HD type	Full HD
Housing material	Plastic	Infrared (IR) camera	✓
Market positioning	Home	Privacy camera	✓
Certified refurbished	✗	Privacy type	Privacy shutter
Display		Network	
Display diagonal *	40.6 cm (16")	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display resolution *	1920 x 1200 pixels	Wi-Fi standards	Wi-Fi 6 (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/m²	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
RGB colour space	NTSC	USB 3.2 Gen 1 (3.1 Gen 1) Type-C 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 *	AMD	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	AMD Ryzen™ AI 5	Keyboard	
Processor generation	AMD Ryzen AI 300 Series	Pointing device	Touchpad
Processor model *	330	Numeric keypad *	✓
Processor cores	4	Copilot key	✓
Processor threads	8		
Processor boost frequency	4.5 GHz		
Processor frequency *	2 GHz		
Processor cache type	L2 & L3		
L3 cache	8 MB		
L2 cache	4 MB		

Neural processor unit (NPU)		Software	
Copilot+ PC	✓	Operating system architecture	64-bit
Neural processor unit (NPU)	AMD Ryzen AI	Microsoft Copilot	✓
Total processor performance up to	56 TOPs	Operating system installed *	Windows 11 Home
NPU performance up to	50 TOPs	Battery	
Memory		Battery technology	Lithium-Ion (Li-Ion)
Internal memory *	16 GB	Fast charging	✓
Internal memory type	DDR5-SDRAM	Power	
Memory slots	1x SO-DIMM	AC adapter power	65 W
Maximum internal memory *	32 GB	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	Face recognition	✓
NVMe	✓	Windows Hello	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
M.2 SSD size	2280 (22 x 80 mm)	Password protection	✓
Optical drive type *	✗	Password protection type	BIOS, User
Graphics		Certificates	
Discrete graphics card model *	Not available	Compliance certificates	REACH
On-board graphics card *	✓	Sustainability	
On-board GPU manufacturer	AMD	Sustainability certificates	ENERGY STAR
Discrete graphics card *	✗	Weight & dimensions	
On-board graphics card family	AMD Radeon	Width	357 mm
On-board graphics card model *	AMD Radeon 820M	Depth	250.6 mm
Audio		Height (front)	1.79 cm
Audio system	SonicMaster	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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