

ASUS Vivobook 16 M1607KA-MB225W AMD Ryzen™ AI 7 350 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: 90NB15F1-M00920

Product name : M1607KA-MB225W

- Windows 11 Home 64-bit
- AMD Ryzen AI 7 350 (24MB Cache, 2GHz)
- 40.6 cm (16") WUXGA 1920 x 1200
- 16GB DDR5-SDRAM & 1000GB SSD

AMD Ryzen AI 7 350 (24MB Cache, 2GHz), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WUXGA 1920 x 1200, AMD Radeon 860M, WLAN, Webcam, Windows 11 Home 64-bit

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ASUS Vivobook 16

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More intelligent

It's here! We're proud to present ASUS Copilot+ PC — ASUS Vivobook 16. Powered by the latest AI-enabled processors, this PC brings you a next-level AI experience, with enhanced security, speed, and personalization. With integrated AI engines to accelerate AI computing, Microsoft Copilot4 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 put 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	Network	
Display		Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display diagonal *	40.6 cm (16")	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Display resolution *	1920 x 1200 pixels	Mobile network connection *	✗
Touchscreen *	✗	Antenna type	2x2
HD type	WUXGA	Bluetooth	✓
LED backlight	✓	Bluetooth version	5.3
Native aspect ratio	16:10	Ports & interfaces	
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display brightness	300 cd/m²	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
RGB colour space	NTSC	HDMI ports quantity *	1
Colour gamut	45%	HDMI version	2.1
Processor		Combo headphone/mic port	✓
Processor manufacturer *	AMD	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	AMD Ryzen™ AI 7	Performance	
Processor generation	AMD Ryzen AI 300 Series	Repairability index	9.2
Processor model *	350	Keyboard	
Processor cores	8	Pointing device	Touchpad
Processor threads	16		
Processor boost frequency	5 GHz		
Processor frequency *	2 GHz		
Processor cache	24 MB		

Processor		Keyboard	
Processor cache type	L3	Numeric keypad *	✓
Neural processor unit (NPU)		Keyboard backlit	✓
Neural processor unit (NPU)	AMD Ryzen AI	Software	
Total processor performance up to	66 TOPs	Operating system architecture	64-bit
NPU performance up to	50 TOPs	Trial software	1-month trial for new Microsoft 365 customers. Credit card required. McAfee® 30 days free trial
Memory		Operating system installed *	Windows 11 Home
Internal memory *	16 GB	Battery	
Internal memory type	DDR5-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	On-board	Number of battery cells	3
Memory slots	1x SO-DIMM	Battery capacity *	42 Wh
Maximum internal memory *	32 GB	Power	
Storage		AC adapter power	65 W
Total storage capacity *	1 TB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	1 TB	AC adapter output current	3.25 A
Number of SSDs installed	1	AC adapter output voltage	20 V
SSD capacity	1 TB	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	Weight & dimensions	
On-board graphics card *	✓	Width	357 mm
On-board GPU manufacturer	AMD	Depth	250.6 mm
Discrete graphics card *	✗	Height (front)	1.79 cm
On-board graphics card family	AMD Radeon	Height (rear)	1.99 cm
On-board graphics card model *	AMD Radeon 860M	Weight *	1.88 kg
Audio		Packaging content	
Audio system	SonicMaster	Mouse included	✓
Built-in microphone	✓	Mouse connectivity	Wired
		AC adapter included *	✓
		Bag included	✓



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Catalog Object Cloud



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