

ASUS Vivobook 16 M1607KA-MB095W Copilot+ PC AMD Ryzen™ AI 7 350 Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Blue

Brand : ASUS

Product family: Vivobook

Product code: 90NB15F1-M004P0

Product name : M1607KA-MB095W

AMD Ryzen AI 7 350 (2GHz), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level, AMD Radeon 860M, 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	Quiet Blue	Built-in microphone	✓
Product type *	Laptop	Camera	
Product colour *	Blue	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 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	Numeric keypad *	✓
Processor boost frequency	5 GHz		
Processor frequency *	2 GHz		
Processor cache type	L2 & L3		
L3 cache	16 MB		
L2 cache	8 MB		

Neural processor unit (NPU)		Keyboard	
Copilot+ PC	✓	Copilot key	✓
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	Microsoft Copilot	✓
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	Fast charging	✓
Storage		Power	
Total storage capacity *	512 GB	AC adapter power	65 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	512 GB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	AC adapter output current	3.25 A
SSD capacity	512 GB	AC adapter output voltage	20 V
SSD interface	PCI Express 4.0	USB Type-C charging port *	✓
NVMe	✓	USB Power Delivery (USB PD)	✓
SSD form factor	M.2	Security	
M.2 SSD size	2280 (22 x 80 mm)	Face recognition	✓
Optical drive type *	✗	Windows Hello	✓
Graphics		Trusted Platform Module (TPM)	✓
Discrete graphics card model *	Not available	Password protection	✓
On-board graphics card *	✓	Password protection type	BIOS, User
On-board GPU manufacturer	AMD	Certificates	
Discrete graphics card *	✗	Compliance certificates	REACH
On-board graphics card family	AMD Radeon	Weight & dimensions	
On-board graphics card model *	AMD Radeon 860M	Width	357 mm
Audio		Depth	250.6 mm
Audio system	SonicMaster	Height (front)	1.79 cm
		Height (rear)	1.99 cm
		Weight *	1.88 kg
		Packaging content	
		AC adapter included *	✓



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