

ASUS Vivobook 14 M1407GA-LY009W Copilot+ PC AMD Ryzen™ AI 7 445 Laptop 35.6 cm (14") WUXGA 16 GB DDR5-SDRAM 1 TB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Blue

Brand : ASUS

Product family: Vivobook

Product code: 90NB1701-M000D0

Product name : M1407GA-LY009W



AMD Ryzen AI 7 445 (2GHz), 16GB DDR5-SDRAM, 1000GB SSD, 14" WUXGA 1920 x 1200 IPS-Level, AMD Radeon 840M, WLAN, Webcam, Windows 11 Home 64-bit

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More Intelligent, More Productive, More Secure

The ASUS Vivobook 14 is your ultimate tool for tackling any task with ease. Equipped with a powerful AMD Ryzen™ AI 7 445 processor and blazing-fast Wi-Fi 6. 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		Camera	
Colour name	Quiet Blue	Front camera	✓
Product type *	Laptop	Front camera resolution	1920 x 1080 pixels
Product colour *	Blue	Front camera HD type	Full HD
Form factor *	Clamshell	Infrared (IR) camera	✓
Housing material	Plastic	Privacy camera	✓
Display back cover material	Plastic	Privacy type	Privacy shutter
Market positioning	Home	Network	
Introduction year	2026	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display		Wi-Fi standards	Wi-Fi 6 (802.11ax)
Display diagonal *	35.6 cm (14")	Mobile network connection *	✗
Display resolution *	1920 x 1200 pixels	Antenna type	2x2
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 version	2.1
RGB colour space	NTSC	Micro HDMI ports quantity	1
Colour gamut	45%	Combo headphone/mic port	✓
Maximum refresh rate	60 Hz	USB Type-C DisplayPort Alternate Mode	✓
Processor		Keyboard	
Processor manufacturer *	AMD	Pointing device	Touchpad
Processor family *	AMD Ryzen™ AI 7	Numeric keypad *	✗
Processor generation	AMD Ryzen AI 400 Series		
Processor model *	445		
Processor cores	6		
Processor threads	12		

Processor		Keyboard			
Processor boost frequency	4.6 GHz	Copilot key	✓		
Processor frequency *	2 GHz	Software			
Processor cache type	L2 & L3	Operating system architecture	64-bit		
L3 cache	8 MB	Microsoft Copilot	✓		
L2 cache	6 MB	Trial software	1-month trial for new Microsoft 365 customers; McAfee 30 days free trial		
Neural processor unit (NPU)					
Copilot+ PC	✓			Operating system installed *	Windows 11 Home
Neural processor unit (NPU)	AMD Ryzen AI			Bundled software	1-Month Membership of Adobe Creative Cloud All Apps, Individual.The redemption duration from September 15, 2021 to August 31, 2026.
Total processor performance up to	59 TOPs				
NPU performance up to	50 TOPs				
Memory		Battery			
Internal memory *	16 GB	Battery technology	Lithium-Ion (Li-Ion)		
Internal memory type	DDR5-SDRAM	Number of battery cells	4		
Memory form factor	On-board + SO-DIMM	Battery capacity *	70 Wh		
Memory slots	1x SO-DIMM	Removable battery	✗		
Maximum internal memory *	32 GB	Power			
Storage		AC adapter power	68 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	3.4 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	Face recognition	✓		
Optical drive type *	✗	Windows Hello	✓		
Card reader integrated	✗	Trusted Platform Module (TPM)	✓		
Graphics		Password protection	✓		
Discrete graphics card model *	Not available	Password protection type	BIOS, User		
On-board graphics card *	✓	Certificates			
On-board GPU manufacturer	AMD	Compliance certificates	REACH		
Discrete graphics card *	✗	Weight & dimensions			
On-board graphics card family	AMD Radeon	Width	315.2 mm		
On-board graphics card model *	AMD Radeon 840M	Depth	223.4 mm		
Audio		Height (front)	1.79 cm		
Audio system	SonicMaster	Height (rear)	1.99 cm		
Built-in microphone	✓	Weight *	1.46 kg		
		Packaging content			
		AC adapter included *	✓		



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Catalog Object Cloud



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