

ASUS Vivobook 18 M1807GA-S8013W Copilot+ PC AMD Ryzen™ AI 7 445 Laptop 45.7 cm (18") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Blue

Brand : ASUS

Product family: Vivobook

Product code: 90NB17Y1-M007R0

Product name : M1807GA-S8013W



AMD Ryzen AI 7 445 (2GHz), 16GB DDR5-SDRAM, 512GB SSD, 18" WUXGA 1920 x 1200 IPS-Level, AMD Radeon 840M, WLAN, Webcam, Windows 11 Home 64-bit

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ASUS Vivobook 18

More Intelligent, More Productive, More Secure

ASUS Vivobook 18 is the perfect sidekick for your daily adventures. With a speedy AMD Ryzen™ AI 7 445 processor, 16 GB1 of RAM, and a spacious 512 GB SSD2, you'll breeze through tasks like a pro. Its stunning WUXGA (1920 x 1200) 144 Hz 18-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		Network	
Colour name	Quiet Blue	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Product type *	Laptop	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Product colour *	Blue	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	2x2
Housing material	Plastic	Bluetooth	✓
Display back cover material	Plastic	Bluetooth version	5.4
Market positioning	Home	Ports & interfaces	
Country of origin	China	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display		USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
Display diagonal *	45.7 cm (18")	HDMI ports quantity *	1
Display resolution *	1920 x 1200 pixels	HDMI version	2.1
Touchscreen *	✗	Combo headphone/mic port	✓
HD type	WUXGA	USB Type-C DisplayPort Alternate Mode	✓
Panel type	IPS-Level	Performance	
LED backlight	✓	Repairability index	8
Native aspect ratio	16:10	Keyboard	
Anti-glare screen	✓	Pointing device	Touchpad
Display brightness	300 cd/m²	Numeric keypad *	✓
RGB colour space	sRGB	Keyboard backlit	✓
Colour gamut	100%	Copilot key	✓
Maximum refresh rate	144 Hz	Software	
Processor		Operating system architecture	64-bit
Processor manufacturer *	AMD	Microsoft Copilot	✓
Processor family *	AMD Ryzen™ AI 7		
Processor generation	AMD Ryzen AI 400 Series		
Processor model *	445		
Processor cores	6		
Processor threads	12		

Processor		Software	
Processor boost frequency	4.6 GHz	Trial software	1-month trial for new Microsoft 365 customers. Credit card required. McAfee® 30 days free trial
Processor frequency *	2 GHz		
Processor cache type	L2 & L3		
L3 cache	8 MB		
L2 cache	6 MB	Operating system installed *	
Neural processor unit (NPU)		Bundled software	3-Month GoPro Premium+ Subscription 1-Month Membership of Adobe Creative Cloud All Apps, Individual. The redemption duration from September 15, 2021 to August 31, 2026. 3-Month Goodnotes Essential Subscription 6-Month Dropbox 500GB Subscription 1-Year ASUS Secure Auto-Backup 200GB Subscription *Available in eligible markets only. Eligibility varies by region, device, and time. Terms and conditions apply. See promotion pages for details.
Copilot+ PC	✓		
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to NPU performance up to	59 TOPs 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	
Memory channels	Dual-channel	AC adapter power	68 W
Storage		AC adapter frequency	50 - 60 Hz
Total storage capacity *	512 GB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	AC adapter output current	3.4 A
Total SSDs capacity	512 GB	AC adapter output voltage	20 V
Number of SSDs installed	1	USB Type-C charging port *	✓
SSD capacity	512 GB	USB Type-C required charging power (min) *	45 W
SSD interface	PCI Express 4.0	USB Type-C required charging power (max) *	68 W
NVMe	✓	USB Power Delivery (USB PD)	✓
SSD form factor	M.2	Security	
M.2 SSD size	2280 (22 x 80 mm)	Windows Hello	✓
Optical drive type *	✗	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	402.5 mm
On-board graphics card model *	AMD Radeon 840M	Depth	274.5 mm
On-board graphics card 4K support	✓	Height (front)	1.86 cm
On-board graphics card 8K support	✓	Height (rear)	1.99 cm
AMD FreeSync	✓	Weight *	2.6 kg
Audio		Packaging data	
Audio system	SonicMaster	Package width	508 mm
Built-in microphone	✓	Package depth	325 mm
Camera		Package height	69 mm
Front camera	✓	Package weight	4.75 kg
Front camera HD type	Full HD	Packaging content	
Infrared (IR) camera	✓	AC adapter included *	✗
Privacy camera	✓	Power cord included	✗
Privacy type	Privacy shutter	Logistics data	
		Commodity Classification Automated Tracking System (CCATS)	8471300000



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Catalog Object Cloud



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