

ASUS Vivobook S16 M3607GA-SH004W Copilot+ PC AMD Ryzen™ AI 7 445 Laptop 40.6 cm (16") Full HD 16 GB DDR5-SDRAM 1 TB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Grey

Brand : ASUS

Product family: Vivobook

Product code: 90NB17M1-M00580

Product name : M3607GA-SH004W



AMD Ryzen AI 7 445 (2GHz), 32GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 OLED, AMD Radeon 840M, WLAN, Webcam, Windows 11 Home 64-bit

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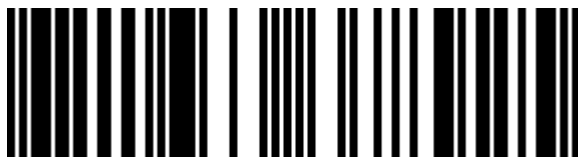
More Intelligent, More Productive, More Secure

Experience effortless productivity with the ASUS Vivobook S16, your ideal companion for everyday life. Whether for work, study, or play, this ASUS Copilot+ PC helps you power through any task, designed to be more productive, intelligent, and secure. Its sleek metallic design is both practical and stylish, powered by up to AMD Ryzen™ AI 7 445 processor, with up to 50 NPU TOPs. A 70 Wh of battery capacity¹ ensure all-day productivity. Enjoy stunning visuals on the vibrant WUXGA OLED2 display and immersive sound for better video calls and streaming. Built for a balanced lifestyle, the ASUS Vivobook S16 does more for you, giving you back time to enjoy life's everyday moments.

Design		Network	
Colour name	2G, Matte Gray	Wi-Fi	✓
Product type *	Laptop	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Product colour *	Grey	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Form factor *	Clamshell	Mobile network connection *	✗
Housing material	Aluminium, Plastic	Antenna type	2x2
Market positioning	Home	Ethernet LAN	✗
Introduction year	2026	Bluetooth	✓
Display		Bluetooth version	5.4
Display diagonal *	40.6 cm (16")	Ports & interfaces	
Display resolution *	1920 x 1200 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
HD type	Full HD	HDMI ports quantity *	1
Panel type	OLED	HDMI version	2.1
Display number of colours	1.07 billion colours	Combo headphone/mic port	✓
Native aspect ratio	16:10	I/O ports	2x USB 3.2 Gen 1 Type-C with support for display / power delivery (data speed up to 5Gbps)
Display surface	Gloss		2x USB 3.2 Gen 1 Type-A (data speed up to 5Gbps), 1x HDMI 2.1 TMDS
Display brightness	300 cd/m²		1x 3.5mm Combo Audio Jack
Maximum display brightness (HDR)	500 cd/m²	USB Type-C DisplayPort Alternate Mode	✓
RGB colour space	DCI-P3		
Colour gamut	95%	Keyboard	
Low Blue Light technology	✓	Pointing device	Touchpad
Display response rise/fall	0.2 ms	Numeric keypad *	✓
Maximum refresh rate	60 Hz	Keyboard backlit	✓
Contrast ratio (typical)	1000000:1		
Processor			
Processor manufacturer *	AMD		
Processor family *	AMD Ryzen™ AI 7		
Processor generation	AMD Ryzen AI 400 Series		

Processor		Keyboard		
Processor model *	445	Copilot key	✓	
Processor cores	6	Software		
Processor threads	12	Operating system architecture	64-bit	
Processor boost frequency	4.6 GHz	Microsoft Copilot	✓	
Processor frequency *	2 GHz	Pre-installed software	CapCut MyASUS ScreenXpert GlideX	
Processor cache type	L2 & L3			
L3 cache	8 MB			
L2 cache	6 MB	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.	
Neural processor unit (NPU)				
Copilot+ PC	✓			
Neural processor unit (NPU)	AMD Ryzen AI	Operating system installed *	Windows 11 Home Xbox Game Pass Premium_2 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Premium. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)	
Total processor performance up to	59 TOPs			
NPU performance up to	50 TOPs			
Memory		Bundled software		
Internal memory *	16 GB	Battery		
Internal memory type	DDR5-SDRAM	Battery technology	Lithium-Ion (Li-Ion)	
Memory form factor	On-board + SO-DIMM	Number of battery cells	4	
Memory layout (slots x size)	1 x 16 GB	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 Type-C required charging power (min) *	45 W	
NVMe	✓	USB Type-C required charging power (max) *	65 W	
SSD form factor	M.2	USB Power Delivery (USB PD)	✓	
Optical drive type *	✗	Security		
Card reader integrated	✗	Face recognition	✓	
Graphics		Windows Hello	✓	
Discrete graphics card model *	Not available	Trusted Platform Module (TPM)	✓	
On-board graphics card *	✓	Password protection	✓	
On-board GPU manufacturer	AMD	Password protection type	BIOS, User	
Discrete graphics card *	✗	Certificates		
On-board graphics card family	AMD Radeon	Compliance certificates	RoHS, REACH	
On-board graphics card model *	AMD Radeon Graphics	Certification	US MIL-STD 810H	
Audio		Sustainability		
Built-in microphone	✓	Sustainability certificates	ENERGY STAR	
Camera		Weight & dimensions		
Front camera	✓	Width	357 mm	
Front camera resolution	1920 x 1080 pixels	Depth	250.6 mm	
Front camera HD type	Full HD	Height (front)	1.59 cm	
Infrared (IR) camera	✓	Height (rear)	1.79 cm	
Privacy camera	✓	Weight *	1.7 kg	
Privacy type	Privacy shutter	Packaging content		
		AC adapter included *	✗	

Other features	
Expansion slots	1x DDR5 SO-DIMM slot 1x M.2 2280 PCIe 4.0x4, 1x DDR5 SO-DIMM slot
Accessories included	* Included accessories vary according to country and territory. Please check with your local ASUS retailer for details.



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