

ASUS Vivobook S16 M3607GA-SH004W Copilot+ PC AMD Ryzen™ AI 7 445 Laptop 40.6 cm (16") Full HD 32 GB DDR5-SDRAM 1 TB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Grey QWERTZ German

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	Mobile network connection *	✗
Product type *	Laptop	Antenna type	2x2
Product colour *	Grey	Ethernet LAN	✗
Form factor *	Clamshell	Bluetooth	✓
Housing material	Aluminium, Plastic	Bluetooth version	5.4
Market positioning	Home	Ports & interfaces	
Introduction year	2026	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 *	40.6 cm (16")	HDMI ports quantity *	1
Display resolution *	1920 x 1200 pixels	HDMI version	2.1
Touchscreen *	✗	Combo headphone/mic port	✓
HD type	Full HD	I/O ports	
Panel type	OLED		
Display number of colours	1.07 billion colours		
Native aspect ratio	16:10	2x USB 3.2 Gen 1 Type-C with support for display / power delivery (data speed up to 5Gbps) 2x USB 3.2 Gen 1 Type-A (data speed up to 5Gbps), 1x HDMI 2.1 TMDs 1x 3.5mm Combo Audio Jack	
Display surface	Gloss		
Display brightness	300 cd/m²		
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	Keyboard layout	QWERTZ
Processor		Keyboard language	German
Processor manufacturer *	AMD	Copilot key	✓
Processor family *	AMD Ryzen™ AI 7		
Processor generation	AMD Ryzen AI 400 Series		

Processor		Software	
Processor model *	445	Operating system architecture	64-bit
Processor cores	6	Microsoft Copilot	✓
Processor threads	12	Pre-installed software	CapCut
Processor boost frequency	4.6 GHz		MyASUS
Processor frequency *	2 GHz		ScreenXpert
Processor cache type	L2 & L3	Trial software	GlideX
L3 cache	8 MB		1-month trial for new Microsoft 365 customers. Credit card required.
L2 cache	6 MB	Operating system installed *	Windows 11 Home
Neural processor unit (NPU)		Bundled software	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.)
Copilot+ PC	✓		
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	59 TOPs		
NPU performance up to	50 TOPs		
Memory		Battery	
Internal memory *	32 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 layout (slots x size)	1 x 16 GB	Removable battery	✗
Memory slots	1x SO-DIMM	Power	
Maximum internal memory *	32 GB	AC adapter power	68 W
Storage		AC adapter frequency	50 - 60 Hz
Total storage capacity *	1 TB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	AC adapter output current	3.4 A
Total SSDs capacity	1 TB	AC adapter output voltage	20 V
Number of SSDs installed	1	USB Type-C charging port *	✓
SSD capacity	1 TB	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	
Optical drive type *	✗	Face recognition	✓
Card reader integrated	✗	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	RoHS, REACH
On-board graphics card family	AMD Radeon	Certification	US MIL-STD 810H
On-board graphics card model *	AMD Radeon Graphics	Sustainability	
Audio		Sustainability certificates	ENERGY STAR
Built-in microphone	✓	Weight & dimensions	
Camera		Width	357 mm
Front camera	✓	Depth	250.6 mm
Front camera resolution	1920 x 1080 pixels	Height (front)	1.59 cm
Front camera HD type	Full HD	Height (rear)	1.79 cm
Infrared (IR) camera	✓	Weight *	1.7 kg
Privacy camera	✓	Packaging data	
Privacy type	Privacy shutter	Package width	488 mm
Network		Package depth	65 mm
Wi-Fi	✓	Package height	310 mm
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Packaging content	
Wi-Fi standards	Wi-Fi 6 (802.11ax)	AC adapter included *	✗

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



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Catalog Object Cloud



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