

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

Brand : ASUS

Product family: Vivobook

Product code: 90NB17M1-M001F0

Product name : M3607GA-SH004W Copilot+ PC

AMD Ryzen AI 7 445 (2GHz), 32GB DDR5-SDRAM, 1000GB SSD, 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 laptop helps you power through any task, designed to be more productive, intelligent, and secure. Its sleek metallic design is both practical and stylish, with AMD Ryzen™ AI 7 445 processor and up to 50 TOPS NPU¹, along with 70Wh of battery capacity² to ensure all-day productivity. Enjoy stunning visuals on the vibrant 16:10 FHD (1920 x 1200) OLED³ 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		Camera	
Colour name	Matte Gray	Front camera	✓
Product type *	Laptop	Front camera resolution	1920 x 1080 pixels
Product colour *	Grey	Front camera HD type	Full HD
Form factor *	Clamshell	Infrared (IR) camera	✓
Housing material	Aluminium, Plastic	Privacy camera	✓
Display back cover material	Aluminium	Privacy type	Privacy shutter
Market positioning	Home	Network	
Certified refurbished	✗	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display		Wi-Fi standards	Wi-Fi 6 (802.11ax)
Display diagonal *	40.6 cm (16")	Mobile network connection *	✗
Display resolution *	1920 x 1200 pixels	Antenna type	2x2
Touchscreen *	✗	Ethernet LAN	✗
HD type	WUXGA	Bluetooth	✓
Panel type	OLED	Bluetooth version	5.4
Display number of colours	1.07 billion colours	Ports & interfaces	
Native aspect ratio	16:10	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display surface	Gloss	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
Display brightness	300 cd/m ²	HDMI ports quantity *	1
Maximum display brightness (HDR)	500 cd/m ²	HDMI version	2.1
RGB colour space	DCI-P3	Combo headphone/mic port	✓
Colour gamut	95%	USB Type-C DisplayPort Alternate Mode	✓
Low Blue Light technology	✓	Keyboard	
Display response rise/fall	0.2 ms	Pointing device	Touchpad
Maximum refresh rate	60 Hz	Numeric keypad *	✓
Contrast ratio (typical)	1000000:1	Keyboard backlit	✓
Processor		Copilot key	✓
Processor manufacturer *	AMD	Software	
Processor family *	AMD Ryzen™ AI 7	Operating system architecture	64-bit
Processor generation	AMD Ryzen AI 400 Series		
Processor model *	445		
Processor cores	6		
Processor threads	12		

Processor		Software	
Processor boost frequency	4.6 GHz	Microsoft Copilot	✓
Processor frequency *	2 GHz	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days, McAfee 30 days
Processor cache type	L2 & L3		
L3 cache	8 MB		
L2 cache	6 MB	Operating system installed *	Windows 11 Home
Neural processor unit (NPU)		Bundled software	3-Month GoPro Premium+ Subscription *Available in eligible markets only. Eligibility varies by region, device, and time. Terms and conditions apply. See promotion pages for details. 1-Month Membership of Adobe Creative Cloud All Apps, Individual. The redemption duration from September 15, 2021 to August 31, 2026.
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 *	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 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 Power Delivery (USB PD)	✓
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Face recognition	✓
SSD form factor	M.2	Windows Hello	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✗	Password protection	✓
Graphics		Password protection type	BIOS, User
Discrete graphics card model *	Not available	Certificates	
On-board graphics card *	✓	Compliance certificates	REACH
On-board GPU manufacturer	AMD	Certification	US MIL-STD 810H military-grade standard
Discrete graphics card *	✗	Sustainability	
On-board graphics card family	AMD Radeon	Sustainability certificates	ENERGY STAR
On-board graphics card model *	AMD Radeon 840M	Weight & dimensions	
Audio		Width	357 mm
Built-in microphone	✓	Depth	250.6 mm
		Height (front)	1.59 cm
		Height (rear)	1.79 cm
		Weight *	1.8 kg



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Catalog Object Cloud



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