

ASUS Vivobook S16 M3607GA-SH011W Copilot+ PC AMD Ryzen™ AI 7 445 Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Grey

Brand : ASUS

Product family: Vivobook

Product code: 90NB17M1-M008A0

Product name : M3607GA-SH011W Copilot+ PC

AMD Ryzen AI 7 445 (2GHz), 16GB DDR5-SDRAM, 512GB 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 HD type	Full HD
Product type *	Laptop	Infrared (IR) camera	✓
Product colour *	Grey	Privacy camera	✓
Form factor *	Clamshell	Privacy type	Privacy shutter
Housing material	Plastic, Aluminium	Network	
Display back cover material	Aluminium	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Market positioning	Home	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Certified refurbished	✗	Mobile network connection *	✗
Display		Antenna type	2x2
Display diagonal *	40.6 cm (16")	Ethernet LAN	✗
Display resolution *	1920 x 1200 pixels	Bluetooth	✓
Touchscreen *	✗	Bluetooth version	5.4
HD type	WUXGA	Ports & interfaces	
Panel type	OLED	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display number of colours	1.07 billion colours	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
Native aspect ratio	16:10	HDMI ports quantity *	1
Display surface	Gloss	HDMI version	2.1
Display brightness	300 cd/m²	Combo headphone/mic port	✓
Maximum display brightness (HDR)	500 cd/m²	USB Type-C DisplayPort Alternate Mode	✓
RGB colour space	DCI-P3	Performance	
Colour gamut	95%	Repairability index	9.6
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 boost frequency	4.6 GHz		

Processor		Software	
Processor frequency *	2 GHz	Microsoft Copilot	✓
Processor cache type	L2 & L3	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days
L3 cache	8 MB		
L2 cache	6 MB		
Neural processor unit (NPU)		Operating system installed *	Windows 11 Home
Copilot+ PC	✓	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.
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	59 TOPs		
NPU performance up to	50 TOPs		
Memory			
Internal memory *	16 GB	Battery	Lithium-Ion (Li-Ion)
Internal memory type	DDR5-SDRAM		
Memory form factor	On-board		
Memory slots	1x SO-DIMM		
Maximum internal memory *	32 GB		
Storage		Battery technology	
Total storage capacity *	512 GB	Number of battery cells	4
Storage media *	SSD	Battery capacity *	70 Wh
Total SSDs capacity	512 GB	Power	
Number of SSDs installed	1		
SSD capacity	512 GB		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2	AC adapter power	68 W
Optical drive type *	✗	AC adapter frequency	50 - 60 Hz
Card reader integrated	✗	AC adapter input voltage	100 - 240 V
Graphics		AC adapter output current	3.4 A
Discrete graphics card model *	Not available	AC adapter output voltage	20 V
On-board graphics card *	✓	USB Type-C charging port *	✓
On-board GPU manufacturer	AMD	USB Power Delivery (USB PD)	✓
Discrete graphics card *	✗	Security	
On-board graphics card family	AMD Radeon		
On-board graphics card model *	AMD Radeon 840M		
Audio			
Built-in microphone	✓		
Camera		Face recognition	✓
Front camera	✓	Windows Hello	✓
Front camera resolution	1920 x 1080 pixels	Trusted Platform Module (TPM)	✓
		Password protection	✓
		Password protection type	BIOS, User
		Certificates	
		Compliance certificates	REACH
		Certification	US MIL-STD 810H military-grade standard
		Sustainability	
		Sustainability certificates	ENERGY STAR, EPEAT Silver
		Weight & dimensions	
		Width	357 mm
		Depth	250.6 mm
		Height (front)	1.59 cm
		Height (rear)	1.79 cm
		Weight *	1.7 kg
		Packaging content	
		AC adapter included *	✗



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Catalog Object Cloud



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