

ASUS Vivobook 16 M1605YA-MB189W AMD Ryzen™ 5 5625U Laptop 40.6 cm (16") WUXGA 8 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Silver

Brand : ASUS

Product family: Vivobook

Product code: 90NB10R2-M00KC0



Product name : M1605YA-MB189W

- Windows 11 Home
 - AMD Ryzen™ 5 5625U Mobile Processor
 - 8 GB DDR4 3200MHz memory
 - 512GB PCIe® 3.0 SSD storage
 - Treated with ASUS Antibacterial Guard Plus
 - ASUS webcam shield for instant privacy
 - 180° lay-flat hinge for diverse usage
 - Stringently tested to US Military-grade durability
- AMD Ryzen 5 5625U (19MB Cache, 2.3GHz), 8GB DDR4-SDRAM, 512GB SSD, 40.6 cm (16") WUXGA 1920 x 1200, AMD Radeon Graphics, WLAN, Webcam, Windows 11 Home 64-bit



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Brighten your vision

Everything is smoother with the powerful ASUS Vivobook 16, the feature-packed laptop with user-friendly features including a 180° lay-flat hinge, a physical webcam shield and dedicated function keys to turn your mic and camera on or off. Your health is in safe hands with ASUS Antimicrobial Guard Plus protecting frequently-touched surfaces, and the bigger touchpad is now more finger-friendly. Enjoy the smooth power of Vivobook 16!

Design		Network	
Colour name	Cool Silver	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Product type *	Laptop	Mobile network connection *	✗
Product colour *	Silver	Antenna type	1x1
Form factor *	Clamshell	Ethernet LAN	✗
Housing material	Plastic	Bluetooth	✓
Introduction year	2023	Bluetooth version	5.3
Country of origin	China	Ports & interfaces	
Display		USB 2.0 ports quantity *	1
Display diagonal *	40.6 cm (16")	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display resolution *	1920 x 1200 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Touchscreen *	✗	HDMI ports quantity *	1
HD type	WUXGA	HDMI version	1.4
LED backlight	✓	Combo headphone/mic port	✓
Native aspect ratio	16:10	Charging port type	DC-in jack
Anti-glare screen	✓	Power adapter barrel connector	4.5 mm
Display brightness	300 cd/m ²	Performance	
RGB colour space	NTSC	Repairability index	8.4
Colour gamut	45%	Keyboard	
Maximum refresh rate	60 Hz	Pointing device	Touchpad
Processor		Numeric keypad *	✓
Processor manufacturer *	AMD	Software	
Processor family *	AMD Ryzen™ 5	Operating system architecture	64-bit
Processor model *	5625U	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days
Processor cores	6	Operating system installed *	Windows 11 Home
Processor boost frequency	4.3 GHz		
Processor frequency *	2.3 GHz		
Processor cache	19 MB		
Processor cache type	L2 & L3		

Memory		Battery	
Internal memory *	8 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	DDR4-SDRAM	Number of battery cells	3
Memory form factor	On-board	Battery capacity *	42 Wh
Memory slots	1x SO-DIMM	Power	
Maximum internal memory *	16 GB	AC adapter power	45 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	2.37 A
Total SSDs capacity	512 GB	AC adapter output voltage	19 V
Number of SSDs installed	1	Security	
SSD capacity	512 GB	Trusted Platform Module (TPM)	✓
SSD interface	PCI Express 3.0	Password protection	✓
NVMe	✓	Password protection type	BIOS, User
SSD form factor	M.2	Certificates	
Optical drive type *	✗	Compliance certificates	RoHS, REACH
Card reader integrated	✗	Sustainability	
Graphics		Sustainability compliance	✓
Discrete graphics card model *	Not available	Sustainability certificates	EPEAT Silver, ENERGY STAR
On-board graphics card *	✓	Weight & dimensions	
Discrete graphics card *	✗	Width	358.7 mm
On-board graphics card model *	AMD Radeon Graphics	Depth	249.5 mm
Audio		Height	19.9 mm
Audio system	SonicMaster	Weight *	1.88 kg
Built-in microphone	✓	Packaging data	
Camera		Package width	65 mm
Front camera	✓	Package depth	488 mm
Front camera HD type	HD	Package height	310 mm
Privacy camera	✓	Package weight	3.76 kg
Privacy type	Privacy shutter	Logistics data	
Network		Commodity Classification	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Automated Tracking System (CCATS)	8471300000



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