

ASUS Vivobook 16 M1605YA-MB296W AMD Ryzen™ 7 7730U Laptop 40.6 cm (16") WUXGA 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Silver

Brand : ASUS

Product family: Vivobook

Product code: 90NB10R2-M00SU0

Product name : M1605YA-MB296W



- Windows 11 Home 64-bit
 - AMD Ryzen 7 7730U (16MB Cache, 2GHz)
 - 40.6 cm (16") WUXGA 1920 x 1200
 - 16GB DDR4-SDRAM & 512GB SSD
- AMD Ryzen 7 7730U (16MB Cache, 2GHz), 16GB DDR4-SDRAM, 512GB SSD, 40.6 cm (16") WUXGA 1920 x 1200, AMD Radeon Graphics, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook 16 M1605YA-MB296W AMD Ryzen™ 7 7730U Laptop 40.6 cm (16") WUXGA 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Silver:



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 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		Camera	
Colour name	Cool Silver	Privacy camera	✓
Product type *	Laptop	Privacy type	Privacy shutter
Product colour *	Silver	Network	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Housing material	Plastic	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Market positioning	Home	Mobile network connection *	✗
Country of origin	China	Antenna type	1x1
Display		Bluetooth	✓
Display diagonal *	40.6 cm (16")	Bluetooth version	5.3
Display resolution *	1920 x 1200 pixels	Ports & interfaces	
Touchscreen *	✗	USB 2.0 ports quantity *	1
HD type	WUXGA	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
LED backlight	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Native aspect ratio	16:10	HDMI ports quantity *	1
Anti-glare screen	✓	HDMI version	1.4
Display brightness	300 cd/m ²	Combo headphone/mic port	✓
RGB colour space	NTSC	Charging port type	DC-in jack
Colour gamut	45%	USB Power Delivery	✓
Maximum refresh rate	60 Hz	Performance	
Processor		Repairability index	8.4
Processor manufacturer *	AMD	Keyboard	
Processor family *	AMD Ryzen™ 7	Pointing device	Touchpad
Processor model *	7730U	Numeric keypad *	✓
Processor cores	8	Software	
Processor cache type	L3	Operating system architecture	64-bit
Memory			
Internal memory *	16 GB		
Internal memory type	DDR4-SDRAM		

Memory		Software	
Memory form factor	On-board + SO-DIMM	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Memory slots	1x SO-DIMM	Operating system installed *	Windows 11 Home
Maximum internal memory *	16 GB		
Storage		Battery	
Total storage capacity *	512 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	3
Total SSDs capacity	512 GB	Battery capacity *	42 Wh
Number of SSDs installed	1		
SSD capacity	512 GB	Power	
SSD interface	PCI Express 3.0	AC adapter power	45 W
NVMe	✓	AC adapter frequency	50 - 60 Hz
SSD form factor	M.2	AC adapter input voltage	100 - 240 V
Optical drive type *	✗	AC adapter output current	2.37 A
Graphics		AC adapter output voltage	19 V
Discrete graphics card model *	Not available	Security	
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
Discrete graphics card *	✗	Password protection	✓
On-board graphics card model *	AMD Radeon Graphics	Password protection type	BIOS, User
Audio		Weight & dimensions	
Audio system	SonicMaster	Width	358.7 mm
Built-in microphone	✓	Depth	249.5 mm
Camera		Height	19.9 mm
Front camera	✓	Weight *	1.88 kg
Front camera HD type	HD	Logistics data	
		Commodity Classification Automated Tracking System (CCATS)	8471300000



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