

## ASUS Vivobook 16 M1605YA-MB456W AMD Ryzen™ 7 7730U Laptop 40.6 cm (16") WUXGA 16 GB DDR4-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Silver



**Brand :** ASUS

**Product family:** Vivobook

**Product code:** 90NB10R2-M00P20

**Product name :** M1605YA-MB456W

- Windows 11 Home
  - AMD Ryzen 7 7730U Processor
  - 16 GB DDR4 3200MHz memory
  - 1 TB 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 7 7730U (16MB Cache, 2GHz), 16GB DDR4-SDRAM, 1000GB SSD, 40.6 cm (16") WUXGA 1920 x 1200, AMD Radeon Graphics, Webcam, Windows 11 Home 64-bit

ASUS Vivobook 16 M1605YA-MB456W AMD Ryzen™ 7 7730U Laptop 40.6 cm (16") WUXGA 16 GB DDR4-SDRAM 1 TB 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	Front camera	✓
Product type *	Laptop	Front camera resolution	1280 x 720 pixels
Product colour *	Silver	Front camera HD type	HD
Form factor *	Clamshell	Network	
Market positioning	Home	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display		Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display diagonal *	40.6 cm (16")	Mobile network connection *	✗
Display resolution *	1920 x 1200 pixels	Antenna type	1x1
Touchscreen *	✗	Ethernet LAN	✗
HD type	WUXGA	Bluetooth	✓
Native aspect ratio	16:10	Ports & interfaces	
Anti-glare screen	✓	USB 2.0 ports quantity *	1
Display brightness	300 cd/m <sup>2</sup>	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
RGB colour space	NTSC	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Colour gamut	45%	HDMI ports quantity *	1
Processor		HDMI version	1.4
Processor manufacturer *	AMD	Combo headphone/mic port	✓
Processor family *	AMD Ryzen™ 7	Keyboard	
Processor generation	AMD Ryzen 7000 Series	Pointing device	Touchpad
Processor model *	7730U	Numeric keypad *	✓
Processor cores	8	Software	
Processor boost frequency	4.5 GHz	Operating system architecture	64-bit
Processor frequency *	2 GHz	Operating system installed *	Windows 11 Home
Processor cache	16 MB	Battery	
Processor cache type	L3	Battery technology	Lithium-Ion (Li-Ion)
Memory			
Internal memory *	16 GB		
Internal memory type	DDR4-SDRAM		

Memory		Battery	
Memory slots	1x SO-DIMM	Number of battery cells	3
Storage		Battery capacity *	42 Wh
Total storage capacity *	1 TB	Power	
Storage media *	SSD	AC adapter power	45 W
Total SSDs capacity	1 TB	AC adapter frequency	50 - 60 Hz
Number of SSDs installed	1	AC adapter input voltage	100 - 240 V
SSD capacity	1 TB	AC adapter output current	2.37 A
SSD interface	PCI Express 3.0	AC adapter output voltage	19 V
NVMe	✓	DC-in jack	✓
SSD form factor	M.2	USB Power Delivery (USB PD)	✓
Optical drive type *	✗	Security	
Card reader integrated	✗	Trusted Platform Module (TPM)	✓
Graphics		Password protection	✓
Discrete graphics card model *	Not available	Password protection type	BIOS, User
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	✓		



4711387401965

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 28-APR-2025. Prints or copies of Information are only valid on the printed Publication date