ASUS Vivobook 16 M1605YA-ES52 AMD Ryzen™ 5 7530U Laptop 40.6 cm (16") WUXGA 8 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : ASUS

Product family: Vivobook

Product code: 90NB10R1-M00130

Product name : M1605YA-ES52

- Windows 11 Home 64-bit
- AMD Ryzen 5 7530U (16MB Cache, 2GHz)
- 40.6 cm (16") WUXGA 1920 x 1200 IPS
- 8GB DDR4-SDRAM & 512GB SSD

AMD Ryzen 5 7530U (16MB Cache, 2GHz), 8GB DDR4-SDRAM, 512GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS, AMD Radeon Graphics, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook 16 M1605YA-ES52 AMD Ryzen™ 5 7530U Laptop 40.6 cm (16") WUXGA 8 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black:

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	
Colour name	Indie Black
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Market positioning	Home
Display	
Display diagonal *	40.6 cm (16")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✗
HD type	WUXGA
Panel type	IPS
LED backlight	✓
Native aspect ratio	16:10
Anti-glare screen	✓
Display brightness	300 cd/m²
RGB colour space	NTSC
Colour gamut	45%
Maximum refresh rate	60 Hz
Processor	
Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 5
Processor model *	7530U
Processor cores	6
Processor boost frequency	4.5 GHz
Processor frequency *	2 GHz
Processor cache	16 MB
Memory	
Internal memory *	8 GB

Camera	
Privacy camera	✓
Privacy type	Privacy shutter
Network	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✗
Antenna type	1x1
Ethernet LAN	✗
Bluetooth	✓
Bluetooth version	5.3
Ports & interfaces	
USB 2.0 ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
HDMI ports quantity *	1
HDMI version	1.4
Combo headphone/mic port	✓
Charging port type	DC-in jack
USB Power Delivery	✓
Keyboard	
Pointing device	Touchpad
Numeric keypad *	✓
Keyboard backlit	✓
Software	
Operating system architecture	64-bit

Memory	
Internal memory type	DDR4-SDRAM
Memory form factor	On-board
Memory slots	1x SO-DIMM
Maximum internal memory *	16 GB

Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 3.0
NVMe	✓
SSD form factor	M.2
Optical drive type *	✗

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✓
On-board GPU manufacturer	AMD
Discrete graphics card *	✗
On-board graphics card model *	AMD Radeon Graphics

Audio	
Audio system	SonicMaster
Built-in microphone	✓

Camera	
Front camera	✓
Front camera HD type	HD

Software	
Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Operating system installed *	Windows 11 Home

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	42 Wh

Power	
AC adapter power	45 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	2.37 A
AC adapter output voltage	19 V

Security	
Fingerprint reader	✓
Trusted Platform Module (TPM)	✓
Password protection	✓
Password protection type	BIOS, User

Certificates	
Compliance certificates	RoHS, REACH

Sustainability	
Sustainability certificates	EPEAT Silver, ENERGY STAR

Weight & dimensions	
Width	358.7 mm
Depth	249.5 mm
Height	19.9 mm
Weight *	1.88 kg

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