

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
- ASUS Vivobook 16 OLED (M1605)

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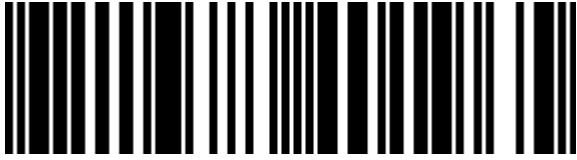
Brighten your vision

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 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!

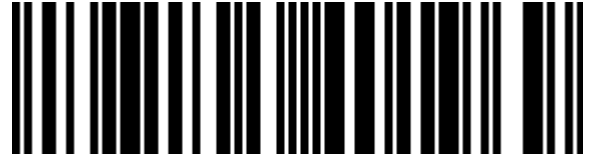


Design		Network	
Colour name	Cool Silver	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Product type *	Laptop	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Product colour *	Silver	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	1x1
Housing material	Plastic	Bluetooth	✓
Market positioning	Home	Bluetooth 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
Panel type	IPS-Level	Combo headphone/mic port	✓
Native aspect ratio	16:10	Performance	
Anti-glare screen	✓	Repairability index	8.4
Display brightness	300 cd/m ²	Keyboard	
RGB colour space	NTSC	Pointing device	Touchpad
Colour gamut	45%	Numeric keypad *	✓
Maximum refresh rate	60 Hz	Software	
Processor		Operating system architecture	64-bit
Processor manufacturer *	AMD	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Processor family *	AMD Ryzen™ 7	Operating system installed *	Windows 11 Home
Processor generation	AMD Ryzen 7000 Series	Battery	
Processor model *	7730U	Battery technology	Lithium-Ion (Li-Ion)
Processor cores	8		
Processor boost frequency	4.5 GHz		
Processor frequency *	2 GHz		
Processor cache type	L2 & L3		

Memory		Battery	
Internal memory *	16 GB	Number of battery cells	3
Internal memory type	DDR4-SDRAM	Battery capacity *	42 Wh
Memory form factor	On-board + SO-DIMM	Power	
Memory layout (slots x size)	1 x 8 GB	AC adapter power	45 W
Memory slots	1x SO-DIMM	AC adapter frequency	50 - 60 Hz
Maximum internal memory *	16 GB	AC adapter input voltage	100 - 240 V
Storage		AC adapter output current	2.37 A
Total storage capacity *	1 TB	AC adapter output voltage	19 V
Storage media *	SSD	DC-in jack	✓
Total SSDs capacity	1 TB	USB Type-C charging port *	✓
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	1 TB	Security	
SSD interface	PCI Express 3.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Password protection	✓
SSD form factor	M.2	Password protection type	BIOS, User
M.2 SSD size	2280 (22 x 80 mm)	Certificates	
Optical drive type *	✗	Compliance certificates	REACH
Card reader integrated	✗	Weight & dimensions	
Graphics		Width	358.7 mm
Discrete graphics card model *	Not available	Depth	249.5 mm
On-board graphics card *	✓	Height	19.9 mm
Discrete graphics card *	✗	Weight *	1.88 kg
On-board graphics card model *	AMD Radeon Graphics	Packaging data	
Audio		Package width	488 mm
Audio system	SonicMaster	Package depth	65 mm
Built-in microphone	✓	Package height	310 mm
Camera		Package weight	4.82 kg
Front camera	✓	Packaging content	
Front camera resolution	1280 x 720 pixels	AC adapter included *	✓
Front camera HD type	HD	Logistics data	
Privacy camera	✓	Commodity Classification	
Privacy type	Privacy shutter	Automated Tracking System (CCATS)	8471300000



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Catalog Object Cloud



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