

ASUS Vivobook 16 M1605YA-MB602W AMD Ryzen™ 5 7430U Laptop 40.6 cm (16") WUXGA 16 GB DDR4-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home German Silver



Brand : ASUS

Product family: Vivobook

Product code: 90NB10R2-M013Y0

Product name : M1605YA-MB602W

- Windows 11 Home 64-bit
 - AMD Ryzen 5 7430U (2.3GHz)
 - 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level
 - 16GB DDR4-SDRAM (1 x 8) & 1000GB SSD
 AMD Ryzen 5 7430U (2.3GHz), 16GB DDR4-SDRAM, 1000GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level, 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 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 HD type	HD
Product colour *	Silver	Privacy camera	✓
Form factor *	Clamshell	Privacy type	Privacy shutter
Market positioning	Home	Network	
Display		Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display diagonal *	40.6 cm (16")	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1200 pixels	Mobile network connection *	✗
Touchscreen *	✗	Antenna type	1x1
HD type	WUXGA	Bluetooth	✓
Panel type	IPS-Level	Bluetooth version	5.3
Native aspect ratio	16:10	Ports & interfaces	
Anti-glare screen	✓	USB 2.0 ports quantity *	1
Display brightness	300 cd/m²	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display diagonal (metric)	40.6 cm	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
RGB colour space	NTSC	HDMI ports quantity *	1
Colour gamut	45%	HDMI version	1.4
Processor		Combo headphone/mic port	✓
Processor manufacturer *	AMD	Keyboard	
Processor family *	AMD Ryzen™ 5	Pointing device	Touchpad
Processor generation	AMD Ryzen 7000 Series	Numeric keypad *	✓
Processor model *	7430U	Keyboard layout	QWERTZ
Processor cores	6	Keyboard language	German
Processor threads	12	Software	
Processor boost frequency	4.3 GHz	Operating system architecture	64-bit
Processor frequency *	2.3 GHz	Trial software	Microsoft 365(30-day trial)
Processor cache type	L2 & L3	Operating system installed *	Windows 11 Home
L3 cache	16 MB		
L2 cache	3 MB		
Memory			
Internal memory *	16 GB		

Memory		Battery	
Internal memory type	DDR4-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	On-board + SO-DIMM	Number of battery cells	3
Memory layout (slots x size)	1 x 8 GB	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 *	1 TB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	AC adapter output current	2.37 A
Total SSDs capacity	1 TB	AC adapter output voltage	19 V
Number of SSDs installed	1	USB Type-C charging port *	✓
SSD capacity	1 TB	USB Power Delivery (USB PD)	✓
SSD interface	PCI Express 3.0	Security	
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Password protection	✓
M.2 SSD size	2280 (22 x 80 mm)	Password protection type	BIOS, User
Optical drive type *	✗	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
On-board GPU manufacturer	AMD	Weight *	1.88 kg
Discrete graphics card *	✗	Packaging data	
On-board graphics card family	AMD Radeon Graphics	Package width	488 mm
On-board graphics card model *	AMD Radeon Graphics	Package depth	65 mm
Audio		Package height	310 mm
Audio system	SonicMaster	Package weight	2.13 kg
Built-in microphone	✓	Packaging content	
		AC adapter included *	✓



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