

ASUS Vivobook 16 X1605VA-MB2146W Intel Core 5 120U Laptop 40.6 cm (16") WUXGA 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home German Silver



Brand : ASUS

Product family: Vivobook

Product code: 90NB13W2-M008K0

Product name : X1605VA-MB2146W

- Windows 11 Home 64-bit
 - Intel Core 5 120U (12MB Cache)
 - 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level
 - 16GB DDR4-SDRAM (1 x 8) & 512GB SSD
 Intel Core 5 120U (12MB Cache), 16GB DDR4-SDRAM, 512GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level, Intel Graphics, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook 16 X1605VA-MB2146W Intel Core 5 120U Laptop 40.6 cm (16") WUXGA 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home German Silver:

Let your vision shine

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		Graphics	
Colour name	Cool Silver	On-board graphics card model *	Intel® Graphics
Product type *	Laptop	Audio	
Product colour *	Silver	Audio system	SonicMaster
Form factor *	Clamshell	Built-in microphone	✓
Market positioning	Home	Camera	
Display		Front camera	✓
Display diagonal *	40.6 cm (16")	Front camera HD type	HD
Display resolution *	1920 x 1200 pixels	Privacy camera	✓
Touchscreen *	✗	Privacy type	Privacy shutter
HD type	WUXGA	Network	
Panel type	IPS-Level	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Native aspect ratio	16:10	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Anti-glare screen	✓	Mobile network connection *	✗
Display brightness	300 cd/m²	Antenna type	1x1
Display diagonal (metric)	40.6 cm	Bluetooth	✓
RGB colour space	NTSC	Bluetooth version	5.2
Colour gamut	45%	Ports & interfaces	
Processor		USB 2.0 ports quantity *	1
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor family *	Intel Core 5	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor generation	Intel Core (Series 1)	HDMI ports quantity *	1
Processor model *	120U	HDMI version	1.4
Processor cores	10	Combo headphone/mic port	✓
Processor threads	12	Keyboard	
Processor boost frequency	5 GHz	Pointing device	Touchpad
Performance cores	2	Numeric keypad *	✓
Efficient cores	8	Keyboard layout	QWERTZ
Performance-core Max Turbo Frequency	5 GHz		
Efficient-core Max Turbo Frequency	3.8 GHz		
Performance-core base frequency	1.4 GHz		

Processor		Keyboard	
Efficient-core base frequency	0.9 GHz	Keyboard language	German
Processor cache	12 MB	Software	
Processor cache type	Smart Cache	Operating system architecture	64-bit
Processor base power	15 W	Trial software	Microsoft 365(30-day trial)
Maximum turbo power	55 W	Operating system installed *	Windows 11 Home
Memory		Battery	
Internal memory *	16 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	DDR4-SDRAM	Number of battery cells	3
Memory form factor	On-board + SO-DIMM	Battery capacity *	42 Wh
Memory layout (slots x size)	1 x 8 GB	Power	
Memory slots	1x SO-DIMM	AC adapter power	45 W
Maximum internal memory *	16 GB	AC adapter frequency	50 - 60 Hz
Storage		AC adapter input voltage	100 - 240 V
Total storage capacity *	512 GB	AC adapter output current	2.37 A
Storage media *	SSD	AC adapter output voltage	19 V
Total SSDs capacity	512 GB	USB Type-C charging port *	✓
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	512 GB	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)	Weight & dimensions	
Optical drive type *	✗	Width	358.7 mm
Graphics		Depth	249.5 mm
Discrete graphics card model *	Not available	Height	19.9 mm
On-board graphics card *	✓	Weight *	1.88 kg
On-board GPU manufacturer	Intel	Packaging data	
Discrete graphics card *	✗	Package width	488 mm
On-board graphics card family	Intel® Graphics	Package depth	65 mm
		Package height	310 mm
		Package weight	2.13 kg
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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