

ASUS Vivobook 16 X1605VA-MB2291W Intel Core 7 150U Laptop 40.6 cm (16") WUXGA 16 GB DDR4-SDRAM 1 TB SSD Wi-Fi 6 (802.11ax) Windows 11 Home German Silver

Brand : ASUS

Product family: Vivobook

Product code: 90NB13W2-M009U0

Product name : X1605VA-MB2291W

- Windows 11 Home 64-bit
- Intel Core 7 150U (12MB Cache)
- 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level
- 16GB DDR4-SDRAM & 1000GB SSD

Intel Core 7 150U (12MB Cache), 16GB DDR4-SDRAM, 1000GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level, Intel Graphics, WLAN, Webcam, Windows 11 Home 64-bit

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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		Network	
Colour name	Cool Silver	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Product type *	Laptop	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Product colour *	Silver	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	1x1
Market positioning	Home	Ethernet LAN	✗
Display		Bluetooth	✓
Display diagonal *	40.6 cm (16")	Bluetooth version	5.2
Display resolution *	1920 x 1200 pixels	Ports & interfaces	
Touchscreen *	✗	USB 2.0 ports quantity *	1
HD type	WUXGA	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Panel type	IPS-Level	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Native aspect ratio	16:10	HDMI ports quantity *	1
Anti-glare screen	✓	HDMI version	1.4
Display brightness	300 cd/m²	Combo headphone/mic port	✓
RGB colour space	NTSC	Keyboard	
Colour gamut	45%	Pointing device	Touchpad
Maximum refresh rate	60 Hz	Numeric keypad *	✓
Processor		Keyboard layout	QWERTZ
Processor manufacturer *	Intel	Keyboard language	German
Processor family *	Intel Core 7	Software	
Processor generation	Intel Core (Series 1)	Operating system architecture	64-bit
Processor model *	150U	Trial software	Microsoft 365 30 days, McAfee 30 days
Processor cores	10	Operating system installed *	Windows 11 Home
Processor threads	12		
Processor boost frequency	5.4 GHz		
Performance cores	2		
Efficient cores	8		

Processor		Processor special features	
Performance-core Max Turbo Frequency	5.4 GHz	Intel Flex Memory Access	✓
Efficient-core Max Turbo Frequency	4 GHz	Intel Trusted Execution Technology	✓
Performance-core base frequency	1.8 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Efficient-core base frequency	1.2 GHz	Execute Disable Bit	✓
Processor cache	12 MB	CPU configuration (max)	1
Processor cache type	Smart Cache	Embedded options available	✗
Configurable TDP-down	35 W	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor base power	15 W	Intel Virtualization Technology (VT-x)	✓
Maximum turbo power	55 W		
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 slots	1x SO-DIMM		
Maximum internal memory *	16 GB		
Storage		Power	
Total storage capacity *	1 TB	AC adapter power	45 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	1 TB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	AC adapter output current	2.37 A
SSD capacity	1 TB	AC adapter output voltage	19 V
SSD interface	PCI Express 3.0	DC-in jack	✓
NVMe	✓	USB Type-C charging port *	✓
SSD form factor	M.2	USB Power Delivery (USB PD)	✓
Optical drive type *	✗		
Card reader integrated	✗		
Graphics		Security	
Discrete graphics card model *	Not available	Trusted Platform Module (TPM)	✓
On-board graphics card *	✓	Password protection	✓
On-board GPU manufacturer	Intel	Password protection type	BIOS, User
Discrete graphics card *	✗		
On-board graphics card family	Intel® Graphics		
On-board graphics card model *	Intel® Graphics		
Audio		Certificates	
Audio system	SonicMaster	Compliance certificates	REACH
Built-in microphone	✓		
Camera		Sustainability	
Front camera	✓	Sustainability certificates	EPEAT Silver, ENERGY STAR
Front camera resolution	1280 x 720 pixels		
Front camera HD type	HD		
Privacy camera	✓		
Privacy type	Privacy shutter		
		Weight & dimensions	
		Width	358.7 mm
		Depth	249.5 mm
		Height	19.9 mm
		Weight *	1.88 kg
		Packaging data	
		Package width	488 mm
		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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