



ASUS Vivobook 16 X1605ZA-MB184W Intel® Core™ i5 i5-1235U Laptop 40.6 cm (16") WUXGA 8 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Silver

Brand : ASUS

Product family: Vivobook

Product code: 90NB0ZA2-M009J0

Product name : X1605ZA-MB184W

- Windows 11 Home - ASUS recommends Windows 11 Pro for business

- Intel®Core™ i5-1235U Processor

- 8 GB DDR4 memory

- 512 GB PCIE G3 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

Intel Core i5-1235U (12MB Cache), 8GB DDR4-SDRAM, 512GB SSD, 40.6 cm (16") WUXGA 1920 x 1200, Intel Iris Xe Graphics, WLAN, Webcam, Windows 11 Home 64-bit

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ASUS Vivobook 16 (X1605)

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 and camera 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	Transparent Silver	On-board graphics card model *	Intel Iris Xe Graphics
Product type *	Laptop	Audio	
Product colour *	Silver	Audio system	SonicMaster
Form factor *	Clamshell	Built-in microphone	✓
Housing material	Plastic	Camera	
Market positioning	Home	Front camera	✓
Display		Front camera HD type	HD
Display diagonal *	40.6 cm (16")	Privacy camera	✓
Display resolution *	1920 x 1200 pixels	Privacy type	Privacy shutter
Touchscreen *	✗	Network	
HD type	WUXGA	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
LED backlight	✓	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Native aspect ratio	16:10	Mobile network connection *	✗
Anti-glare screen	✓	Antenna type	2x2
Display brightness	300 cd/m²	Ethernet LAN	✗
RGB colour space	NTSC	Bluetooth	✓
Colour gamut	45%	Bluetooth version	5.3
Maximum refresh rate	60 Hz	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™ i5	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor generation	12th gen Intel® Core™ i5	HDMI ports quantity *	1
Processor model *	i5-1235U	HDMI version	1.4
Processor cores	10	Headphone outputs	1
Processor boost frequency	4.4 GHz	Combo headphone/mic port	✓
Performance cores	2	Charging port type	DC-in jack
Efficient cores	8		

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	4.4 GHz	Power adapter barrel connector	4.5 mm
Efficient-core Max Turbo Frequency	3.3 GHz	Keyboard	
Processor cache	12 MB	Pointing device	Touchpad
Processor cache type	Smart Cache	Numeric keypad *	✓
Configurable TDP-down	12 W	Software	
Processor base power	15 W	Operating system architecture	64-bit
Maximum turbo power	55 W	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee LiveSafe
Memory		Operating system installed *	Windows 11 Home
Internal memory *	8 GB	Processor special features	
Internal memory type	DDR4-SDRAM	CPU configuration (max)	1
Memory form factor	On-board	Battery	
Memory slots	1x SO-DIMM	Battery technology	Lithium-Ion (Li-Ion)
Maximum internal memory *	16 GB	Number of battery cells	3
Storage		Battery capacity *	42 Wh
Total storage capacity *	512 GB	Power	
Storage media *	SSD	AC adapter power	45 W
Total SSDs capacity	512 GB	AC adapter frequency	50 - 60 Hz
Number of SSDs installed	1	AC adapter input voltage	100 - 240 V
SSD capacity	512 GB	AC adapter output current	2.37 A
SSD interface	PCI Express 3.0	AC adapter output voltage	19 V
NVMe	✓	Security	
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Password protection	✓
Card reader integrated	✗	Password protection type	BIOS, User
Graphics		Weight & dimensions	
Discrete graphics card model *	Not available	Width	358.6 mm
On-board graphics card *	✓	Depth	249.5 mm
On-board GPU manufacturer	Intel	Height	19.9 mm
Discrete graphics card *	✗	Weight *	1.88 kg
On-board graphics card family	Intel Iris Xe Graphics		

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