



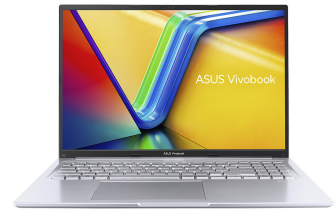
ASUS VivoBook 16 X1605ZA-MB185W Intel® Core™ i7 i7-1255U Laptop 40.6 cm (16") WUXGA 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Silver

Brand : ASUS

Product family: VivoBook

Product code: 90NB0ZA2-M00MJ0

Product name : X1605ZA-MB185W



- Windows 11 Home
 - Intel®Core™ i7-1255U Processor
 - 16 GB DDR4 3200MHz memory
 - 512GB 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
- Intel Core i7-1255U (12MB Cache), 16GB DDR4-SDRAM, 512GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS, Intel Iris Xe Graphics, 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	Transparent 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	2x2
Housing material	Plastic	Ethernet LAN	✗
Market positioning	Home	Bluetooth	✓
Display		Bluetooth version	5.3
Display diagonal *	40.6 cm (16")	Ports & interfaces	
Display resolution *	1920 x 1200 pixels	USB 2.0 ports quantity *	1
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HD type	WUXGA	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Panel type	IPS	HDMI ports quantity *	1
LED backlight	✓	HDMI version	1.4
Native aspect ratio	16:10	Combo headphone/mic port	✓
Anti-glare screen	✓	Charging port type	DC-in jack
Display brightness	300 cd/m ²	Keyboard	
RGB colour space	NTSC	Pointing device	Touchpad
Colour gamut	45%	Numeric keypad *	✓
Maximum refresh rate	60 Hz	Keyboard backlit	✓
Processor		Software	
Processor manufacturer *	Intel	Operating system architecture	64-bit
Processor family *	Intel® Core™ i7	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Processor generation	12th gen Intel® Core™ i7	Operating system installed *	Windows 11 Home
Processor model *	i7-1255U	Processor special features	
Processor cores	10	Intel Flex Memory Access	✓
Processor boost frequency	4.7 GHz		
Processor cache	12 MB		
Configurable TDP-down	12 W		

Memory		Processor special features	
Internal memory *	16 GB	Intel Trusted Execution Technology	✓
Internal memory type	DDR4-SDRAM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory form factor	On-board + SO-DIMM	Execute Disable Bit	✓
Memory slots	1x SO-DIMM	CPU configuration (max)	1
Maximum internal memory *	16 GB	Embedded options available	✗
Storage		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Total storage capacity *	512 GB	Intel Virtualization Technology (VT-x)	✓
Storage media *	SSD	Battery	
Total SSDs capacity	512 GB	Battery technology	Lithium-Ion (Li-Ion)
Number of SSDs installed	1	Number of battery cells	3
SSD capacity	512 GB	Battery capacity *	42 Wh
SSD interface	PCI Express 3.0	Power	
NVMe	✓	AC adapter power	45 W
SSD form factor	M.2	AC adapter frequency	50 - 60 Hz
Optical drive type *	✗	AC adapter input voltage	100 - 240 V
Graphics		AC adapter output current	2.37 A
Discrete graphics card model *	Not available	AC adapter output voltage	19 V
On-board graphics card *	✓	Security	
On-board GPU manufacturer	Intel	Trusted Platform Module (TPM)	✓
Discrete graphics card *	✗	Password protection	✓
On-board graphics card model *	Intel Iris Xe Graphics	Password protection type	BIOS, User
Audio		Weight & dimensions	
Audio system	SonicMaster	Width	358.7 mm
Built-in microphone	✓	Depth	249.5 mm
Camera		Height	19.9 mm
Front camera	✓	Weight *	1.88 kg
Front camera HD type	HD		
Privacy camera	✓		
Privacy type	Privacy shutter		



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