

ASUS Vivobook 16 X1605EA-MB019W Intel® Core™ i5 i5-1135G7 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: 90NB0ZE2-M00620

Product name : X1605EA-MB019W



- Windows 11 Home 64-bit
- Intel Core i5-1135G7 (8MB Cache)
- 40.6 cm (16") WUXGA 1920 x 1200 IPS
- 8GB DDR4-SDRAM (1 x 8) & 512GB SSD

Intel Core i5-1135G7 (8MB Cache), 8GB DDR4-SDRAM, 512GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS, Intel UHD Graphics, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook 16 X1605EA-MB019W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1135G7. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Home. Product colour: Silver. Weight: 1.88 kg



Design		Audio	
Colour name	Transprant Silver	Audio system	SonicMaster
Product type *	Laptop	Built-in microphone	✓
Product colour *	Silver	Camera	
Form factor *	Clamshell	Front camera	✓
Housing material	Plastic	Front camera HD type	HD
Market positioning	Home	Privacy camera	✓
Display		Privacy type	Privacy shutter
Display diagonal *	40.6 cm (16")	Network	
Display resolution *	1920 x 1200 pixels	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6 (802.11ax)
HD type	WUXGA	Mobile network connection *	✗
Panel type	IPS	Antenna type	2x2
Native aspect ratio	16:10	Ethernet LAN	✗
Anti-glare screen	✓	Bluetooth	✓
Display brightness	300 cd/m ²	Bluetooth version	5.3
RGB colour space	NTSC	Ports & interfaces	
Colour gamut	45%	USB 2.0 ports quantity *	1
Processor		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor family *	Intel® Core™ i5	HDMI ports quantity *	1
Processor generation	11th gen Intel® Core™ i5	HDMI version	1.4
Processor model *	i5-1135G7	Headphone outputs	1
Processor cores	4	Combo headphone/mic port	✓
Processor boost frequency	4.2 GHz	Charging port type	DC-in jack
Processor cache	8 MB	Power adapter barrel connector	4.5 mm
Processor cache type	Smart Cache		
Configurable TDP-up frequency	2.4 GHz		
Configurable TDP-up	28 W		

Processor		Keyboard	
Configurable TDP-down	12 W	Pointing device	Touchpad
Configurable TDP-down frequency	0.9 GHz	Numeric keypad *	✓
Memory		Software	
Internal memory *	8 GB	Operating system architecture	64-bit
Internal memory type	DDR4-SDRAM	Trial software	1-month trial for new Microsoft 365 customers
Memory form factor	On-board + SO-DIMM	Operating system installed *	Windows 11 Home
Memory layout (slots x size)	1 x 8 GB	Processor special features	
Memory slots	1x SO-DIMM	CPU configuration (max)	1
Maximum internal memory *	16 GB	Battery	
Storage		Battery technology	Lithium-Ion (Li-Ion)
Total storage capacity *	512 GB	Number of battery cells	3
Storage media *	SSD	Battery capacity *	42 Wh
Total SSDs capacity	512 GB	Power	
Number of SSDs installed	1	AC adapter power	45 W
SSD capacity	512 GB	AC adapter frequency	50 - 60 Hz
SSD interface	PCI Express 3.0	AC adapter input voltage	100 - 240 V
NVMe	✓	AC adapter output current	2.37 A
SSD form factor	M.2	AC adapter output voltage	19 V
Optical drive type *	✗	Security	
Card reader integrated	✗	Fingerprint reader	✗
Graphics		Trusted Platform Module (TPM)	✓
Discrete graphics card model *	Not available	Password protection	✓
On-board graphics card *	✓	Password protection type	BIOS, User
Discrete graphics card *	✗	Weight & dimensions	
On-board graphics card family	Intel® UHD Graphics	Width	358.6 mm
On-board graphics card model *	Intel® UHD Graphics	Depth	249.5 mm
		Height	19.9 mm
		Weight *	1.88 kg



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