

ASUS Vivobook 16X H3605ZF-MB374X Intel® Core™ i5 i5-12500H Laptop 40,6 cm (16") WUXGA 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 2050 Wi-Fi 6E (802.11ax) Windows 11 Pro Black



Brand : ASUS

Product family: Vivobook

Article code: 90NB11E1-M00F80

Product name : H3605ZF-MB374X

ASUS Vivobook 16X H3605ZF-MB374X. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-12500H. Display diagonal: 40,6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 2050. Operating system installed: Windows 11 Pro. Product color: Black

Design		Graphics	
Colour name	Indie Black	On-board graphics card model *	Intel® UHD Graphics
Product type *	Laptop	Audio	
Product colour *	Black	Audio system	SonicMaster
Form factor *	Clamshell	Built-in microphone	✓
Display		Camera	
Display diagonal *	40.6 cm (16")	Front camera	✓
Display resolution *	1920 x 1200 pixels	Front camera HD type	HD
Touchscreen *	✗	Privacy camera	✓
HD type	WUXGA	Privacy type	Privacy shutter
LED backlight	✓	Network	
Native aspect ratio	16:10	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Anti-glare screen	✓	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display brightness	300 cd/m²	Mobile network connection *	✗
Processor		Antenna type	1x1
Processor manufacturer *	Intel	Ethernet LAN	✗
Processor family *	Intel® Core™ i5	Bluetooth	✓
Processor generation	12th gen Intel® Core™ i5	Bluetooth version	5.3
Processor model *	i5-12500H	Ports & interfaces	
Processor cores	12	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor boost frequency	4.5 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Performance cores	4	HDMI ports quantity *	1
Efficient cores	8	HDMI version	2.1
Performance-core Max Turbo Frequency	4.5 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	3.3 GHz	Charging port type	DC-in jack
Processor cache	18 MB	Power adapter barrel connector	4.5 mm
Processor cache type	Smart Cache	Performance	
Processor base power	45 W	Repairability index	8.1
Maximum turbo power	95 W		
Memory			
Internal memory *	16 GB		

Memory		Keyboard	
Internal memory type	DDR4-SDRAM	Pointing device	Touchpad
Memory form factor	On-board + SO-DIMM	Numeric keypad *	✓
Memory slots	1x SO-DIMM	Software	
Maximum internal memory *	16 GB	Operating system architecture	64-bit
Storage		Operating system installed *	Windows 11 Pro
Total storage capacity *	512 GB	Battery	
Storage media *	SSD	Battery technology	Lithium-Ion (Li-Ion)
Total SSDs capacity	512 GB	Number of battery cells	3
Number of SSDs installed	1	Battery capacity *	50 Wh
SSD capacity	512 GB	Power	
SSD interface	PCI Express 4.0	AC adapter power	120 W
NVMe	✓	AC adapter frequency	50 - 60 Hz
SSD form factor	M.2	AC adapter input voltage	100 - 240 V
Optical drive type *	✗	AC adapter output current	6 A
Card reader integrated	✓	AC adapter output voltage	20 V
Compatible memory cards	SD	USB Power Delivery (USB PD) *	✓
Graphics		Security	
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 2050	Password protection	✓
Discrete graphics card memory	4 GB	Password protection type	BIOS, User
Discrete graphics memory type	GDDR6	Weight & dimensions	
On-board graphics card *	✓	Width	358.6 mm
On-board GPU manufacturer	Intel	Depth	249.1 mm
Discrete graphics card *	✓	Height	18.9 mm
		Weight *	1.8 kg



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Publication date: 07-DEC-2024. Prints or copies of Information are only valid on the printed Publication date