ASUS Vivobook 16X K3605ZC-MB351W Intel® Core™ i5 i5-12500H Laptop 40,6 cm (16") WUXGA 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6E (802.11ax) Windows 11 Home **Black**

Product family: Vivobook

Article code: 90NB11F1-M00FX0

Product name: K3605ZC-

Brand: ASUS

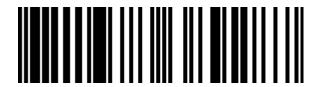
ASUS Vivobook 16X K3605ZC-MB351W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-12500H. Display diagonal: 40,6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics, Discrete graphics card model: NVIDIA GeForce RTX 3050. Operating system installed: Windows 11 Home. Product color: Black





Design		Graphics	
Colour name	Indie Black	On-board graphics card family	Intel Iris Xe Graphics
Product type *	luct type * Laptop	On-board graphics card model *	Intel Iris Xe Graphics
Product colour * Black Form factor * Clamshell		Audio	
		Audio system	SonicMaster
Housing material	Plastic	Built-in microphone	✓
Market positioning Introduction year	Home 2023	Camera	
	2023		,
Display		Front camera	1200 v 720 pivola
Display diagonal *	40.6 cm (16")	Front camera resolution Front camera HD type	1280 x 720 pixels HD
Display resolution *	1920 x 1200 pixels	Privacy camera	√
Touchscreen *	×	Privacy type	Privacy shutter
HD type	WUXGA IPS		Trivacy snuccei
Panel type Native aspect ratio	16:10	Network	
Anti-glare screen	1 0.10 ✓	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display brightness	300 cd/m ²	Wi-Fi standards	Wi-Fi 6E (802.11ax)
RGB colour space	sRGB	Mobile network connection *	X
Colour gamut	100%	Antenna type	1x1
Processor		Ethernet LAN	X
		Bluetooth	1
Processor manufacturer *	Intel	Bluetooth version	5.3
Processor family * Processor generation	Intel® Core™ i5 12th gen Intel® Core™ i5	Ports & interfaces	
Processor model *	i5-12500H	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor cores Processor boost frequency	12 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	✓ DC in in i
Efficient-core Max Turbo Frequency	3.3 GHz	Charging port type	DC-in jack 4.5 mm
Processor cache	18 MB	Power adapter barrel connector	4.5 111111
Processor cache type	Smart Cache	Performance	
Processor base power	45 W	Repairability index	8.1
Maximum turbo power	95 W		

Memory		Keyboard	
Internal memory * Internal memory type Memory form factor Memory layout (slots x size) Memory slots Maximum internal memory *	16 GB DDR4-SDRAM On-board + SO-DIMM 1 x 8 GB 1x SO-DIMM 16 GB	Pointing device	Touchpad
		Numeric keypad *	✓
		Software	
		Operating system architecture	64-bit
		Operating system installed *	Windows 11 Home
Storage		Battery	
Total storage capacity * Storage media * Total SSDs capacity Number of SSDs installed	512 GB SSD 512 GB 1	Battery technology	Lithium-lon (Li-lon)
		Number of battery cells	3
		Battery capacity *	50 Wh
		Power	
SSD capacity	512 GB	AC adapter power	120 W
SSD interface	PCI Express 4.0	AC adapter frequency	50 - 60 Hz
NVMe	✓	AC adapter input voltage	100 - 240 V
SSD form factor	M.2	AC adapter output current	6 A
Optical drive type *	×	AC adapter output voltage	20 V
Card reader integrated	✓	USB Power Delivery (USB PD) *	•
Compatible memory cards	SD	Security	
Graphics		Fingerprint reader	×
Discrete GPU manufacturer	NVIDIA NVIDIA GEForce RTX 3050 4 GB GDDR6 Intel	Trusted Platform Module (TPM)	✓
Discrete graphics card model * Discrete graphics card memory Discrete graphics memory type On-board graphics card * On-board GPU manufacturer Discrete graphics card *		Password protection	✓
		Password protection type	BIOS, User
		Certificates	
		Compliance certificates	RoHS, REACH
		Sustainability	
		Sustainability compliance	✓
		Sustainability certificates	EPEAT Silver, ENERGY STAR
		Weight & dimensions	
		Width	358.6 mm
		Depth	249.1 mm
		Height	18.9 mm
		Weight *	1.8 kg



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