



# ASUS VivoBook 16X K3605ZC-N1097W Laptop 40.6 cm (16") WUXGA Intel® Core™ i7 i7-12650H 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6E (802.11ax) Windows 11 Home Silver



**Brand :** ASUS

**Product family:** VivoBook

**Product code:** 90NB11F2-M006C0

**Product name :** K3605ZC-N1097W

- Windows 11 Home 64-bit
  - Intel Core i7-12650H (24MB Cache)
  - 40.6 cm (16") WUXGA 1920 x 1200 IPS, NVIDIA GeForce RTX 3050 (4GB GDDR6)
  - 16GB DDR4-SDRAM (2 x 8) & 512GB SSD
- Intel Core i7-12650H (24MB Cache), 16GB DDR4-SDRAM, 512GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 3050 (4GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit

ASUS VivoBook 16X K3605ZC-N1097W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-12650H. 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 3050. Operating system installed: Windows 11 Home. Product colour: Silver



Design		Camera	
Colour name	Cool Silver	Privacy camera	✓
Product type *	Laptop	Privacy type	Privacy shutter
Product colour *	Silver	Network	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Housing material	Plastic	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Market positioning	Home	Mobile network connection *	✗
Introduction year	2023	Antenna type	1x1
Country of origin	China	Ethernet LAN	✗
Display		Bluetooth	✓
Display diagonal *	40.6 cm (16")	Bluetooth version	5.3
Display resolution *	1920 x 1200 pixels	Ports & interfaces	
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
Native aspect ratio	16:10	HDMI version	2.1
Anti-glare screen	✓	Combo headphone/mic port	✓
Display brightness	300 cd/m <sup>2</sup>	Charging port type	DC-in jack
RGB colour space	sRGB	Power adapter barrel connector	4.5 mm
Colour gamut	100%	USB Power Delivery	✓
Maximum refresh rate	120 Hz	Keyboard	
Processor		Pointing device	Touchpad
Processor manufacturer *	Intel	Numeric keypad *	✓
Processor generation	12th gen Intel® Core™ i7	Keyboard backlit	✓
Processor family *	Intel® Core™ i7	Software	
Processor model *	i7-12650H	Operating system architecture	64-bit
Processor boost frequency	4.7 GHz		
Processor cores	10		
Processor cache	24 MB		

<b>Processor</b>		<b>Software</b>	
Configurable TDP-down	35 W	Trial software	1-month trial for new Microsoft 365 customers, McAfee® LiveSafe
<b>Memory</b>		Operating system installed *	Windows 11 Home
Internal memory *	16 GB	<b>Processor special features</b>	
Internal memory type	DDR4-SDRAM	CPU configuration (max)	1
Memory form factor	On-board + SO-DIMM	<b>Battery</b>	
Memory layout (slots x size)	2 x 8 GB	Battery technology	Lithium-Ion (Li-Ion)
Memory slots	1x SO-DIMM	Number of battery cells	3
Maximum internal memory *	16 GB	Battery capacity *	50 Wh
<b>Storage</b>		<b>Power</b>	
Total storage capacity *	512 GB	AC adapter power	120 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	512 GB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	AC adapter output current	6 A
SSD capacity	512 GB	AC adapter output voltage	20 V
SSD interface	PCI Express 3.0	<b>Security</b>	
NVMe	✓	Fingerprint reader	✗
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Password protection	✓
Card reader integrated	✓	Password protection type	BIOS, User
Compatible memory cards	SD	<b>Sustainability</b>	
<b>Graphics</b>		Sustainability compliance	✓
Discrete GPU manufacturer	NVIDIA	Sustainability certificates	ENERGY STAR, REACH, RoHS
Discrete graphics card model *	NVIDIA GeForce RTX 3050	<b>Weight &amp; dimensions</b>	
On-board graphics card *	✓	Width	358.6 mm
Discrete graphics card *	✓	Depth	249.1 mm
On-board graphics card model *	Intel® UHD Graphics	Height	18.9 mm
Discrete graphics card memory	4 GB	Weight *	1.8 kg
Discrete graphics memory type	GDDR6	<b>Packaging data</b>	
<b>Audio</b>		Package width	65 mm
Audio system	SonicMaster	Package depth	488 mm
Built-in microphone	✓	Package height	310 mm
<b>Camera</b>		Package weight	4.82 kg
Front camera	✓	<b>Technical details</b>	
Front camera HD type	HD	Commodity Classification Automated Tracking System (CCATS)	8471300000



0197105152748



197105152748



4711387152744

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.