



**ASUS VivoBook Pro 16X K6604JI-K8055W Intel® Core™ i7 i7-13650HX Laptop 40.6 cm (16") WQXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Black**



**Brand :** ASUS

**Product family:** VivoBook

**Product code:** 90NB10Z2-M00240

**Product name :** K6604JI-K8055W

- Windows 11 Home 64-bit
- Intel Core i7-13650HX (24MB Cache)
- 40.6 cm (16") WQXGA 2560 x 1600, NVIDIA GeForce RTX 4070 (8GB GDDR6)
- 16GB DDR5-SDRAM & 1000GB SSD

Intel Core i7-13650HX (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600, Intel UHD Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS VivoBook Pro 16X K6604JI-K8055W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13650HX. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4070. Operating system installed: Windows 11 Home. Product colour: Black

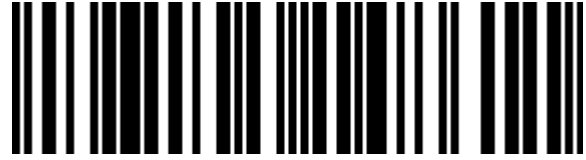


Design		Graphics	
Colour name	0°Black	On-board graphics card family	Intel® UHD Graphics
Product type *	Laptop	On-board graphics card model *	Intel® UHD Graphics
Product colour *	Black	<b>Audio</b>	
Form factor *	Clamshell	Speakers manufacturer	Harman Kardon
Housing material	Aluminium, Plastic	Built-in microphone	✓
<b>Display</b>		<b>Camera</b>	
Display diagonal *	40.6 cm (16")	Front camera	✓
Display resolution *	2560 x 1600 pixels	Front camera HD type	Full HD
Touchscreen *	✗	Privacy camera	✓
HD type	WQXGA	Privacy type	Privacy shutter
LED backlight	✓	<b>Network</b>	
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	500 cd/m <sup>2</sup>	Mobile network connection *	✗
RGB colour space	DCI-P3	Antenna type	1x1
Colour gamut	100%	Ethernet LAN	✓
Maximum refresh rate	165 Hz	Ethernet LAN data rates	10,100,1000 Mbit/s
<b>Processor</b>		Bluetooth	✓
Processor manufacturer *	Intel	Bluetooth version	5.3
Processor family *	Intel® Core™ i7	<b>Ports &amp; interfaces</b>	
Processor generation	13th gen Intel® Core™ i7	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor model *	i7-13650HX	Ethernet LAN (RJ-45) ports	1
Processor cores	14	HDMI ports quantity *	1
Processor boost frequency	4.9 GHz	HDMI version	2.1
Performance cores	6	Thunderbolt 4 ports quantity	2
Efficient cores	8	Intel® Thunderbolt 4	✓
Performance-core Max Turbo Frequency	4.9 GHz		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Efficient-core Max Turbo Frequency	3.6 GHz	Combo headphone/mic port	✓
Processor cache	24 MB	Charging port type	DC-in jack
Processor cache type	Smart Cache	Power adapter barrel connector	6.0 mm
Bus type	DMI4	USB Type-C DisplayPort Alternate Mode	✓
Configurable TDP-down	45 W	USB Power Delivery	✓
Processor base power	55 W		
Maximum turbo power	157 W		
<b>Memory</b>		<b>Keyboard</b>	
Internal memory *	16 GB	Pointing device	Touchpad
Internal memory type	DDR5-SDRAM	Numeric keypad *	✓
Memory form factor	SO-DIMM	Keyboard backlit	✓
Memory slots	2x SO-DIMM		
Maximum internal memory *	32 GB		
<b>Storage</b>		<b>Software</b>	
Total storage capacity *	1 TB	Operating system architecture	64-bit
Storage media *	SSD	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee LiveSafe 30 days
Total SSDs capacity	1 TB	Operating system installed *	Windows 11 Home
Number of SSDs installed	1		
SSD capacity	1 TB		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
Optical drive type *	✗		
Card reader integrated	✓		
Compatible memory cards	SD		
<b>Graphics</b>		<b>Processor special features</b>	
Discrete GPU manufacturer	NVIDIA	CPU configuration (max)	1
Discrete graphics card model *	NVIDIA GeForce RTX 4070		
Discrete graphics card memory	8 GB		
Discrete graphics memory type	GDDR6		
On-board graphics card *	✓		
On-board GPU manufacturer	Intel		
Discrete graphics card *	✓		
		<b>Battery</b>	
		Battery technology	Lithium-Ion (Li-Ion)
		Number of battery cells	4
		Battery capacity *	90 Wh
		<b>Power</b>	
		AC adapter power	240 W
		AC adapter frequency	50 - 60 Hz
		AC adapter input voltage	100 - 240 V
		AC adapter output current	12 A
		AC adapter output voltage	20 V
		<b>Security</b>	
		Fingerprint reader	✓
		Trusted Platform Module (TPM)	✓
		Password protection	✓
		Password protection type	BIOS, User
		<b>Weight &amp; dimensions</b>	
		Width	355 mm
		Depth	249 mm
		Height	21.9 mm
		Weight *	1.9 kg



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