



ASUS VivoBook Pro 16X K6604JI-K8055W Laptop 40.6 cm (16") WQXGA Intel® Core™ i7 i7-13650HX 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	Discrete graphics memory type	GDDR6
Product type *	Laptop	Audio	
Product colour *	Black	Speakers manufacturer	Harman Kardon
Form factor *	Clamshell	Built-in microphone	✓
Housing material	Aluminium, Plastic	Camera	
Display		Front camera	✓
Display diagonal *	40.6 cm (16")	Front camera HD type	Full HD
Display resolution *	2560 x 1600 pixels	Privacy camera	✓
Touchscreen *	✗	Privacy type	Privacy shutter
HD type	WQXGA	Network	
LED backlight	✓	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Native aspect ratio	16:10	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Anti-glare screen	✓	Mobile network connection *	✗
Display brightness	500 cd/m ²	Antenna type	1x1
RGB colour space	DCI-P3	Ethernet LAN	✓
Colour gamut	100%	Ethernet LAN data rates	10,100,1000 Mbit/s
Maximum refresh rate	165 Hz	Bluetooth	✓
Processor		Bluetooth version	5.3
Processor manufacturer *	Intel	Ports & interfaces	
Processor generation	13th gen Intel® Core™ i7	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor family *	Intel® Core™ i7	Ethernet LAN (RJ-45) ports	1
Processor model *	i7-13650HX	HDMI ports quantity *	1
Processor boost frequency	4.9 GHz	HDMI version	2.1
Efficient-core Max Turbo Frequency	3.6 GHz	Thunderbolt 4 ports quantity	2
Performance-core Max Turbo Frequency	4.9 GHz	Intel® Thunderbolt 4	✓
Processor cores	14	Combo headphone/mic port	✓
Processor cache	24 MB		

Processor		Ports & interfaces	
Processor cache type	Smart Cache	Charging port type	DC-in jack
Bus type	DMI4	Power adapter barrel connector	6.0 mm
Configurable TDP-down	45 W	USB Type-C DisplayPort Alternate Mode	✓
Processor base power	55 W	USB Power Delivery	✓
Maximum turbo power	157 W	Keyboard	
Performance cores	6	Pointing device	Touchpad
Efficient cores	8	Numeric keypad *	✓
Memory		Keyboard backlit	✓
Internal memory *	16 GB	Software	
Internal memory type	DDR5-SDRAM	Operating system architecture	64-bit
Memory form factor	SO-DIMM	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee LiveSafe 30 days
Memory slots	2x SO-DIMM	Operating system installed *	Windows 11 Home
Maximum internal memory *	32 GB	Processor special features	
Storage		CPU configuration (max)	1
Total storage capacity *	1 TB	Battery	
Storage media *	SSD	Battery technology	Lithium-Ion (Li-Ion)
Total SSDs capacity	1 TB	Number of battery cells	4
Number of SSDs installed	1	Battery capacity *	90 Wh
SSD capacity	1 TB	Power	
SSD interface	PCI Express 4.0	AC adapter power	240 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	12 A
Card reader integrated	✓	AC adapter output voltage	20 V
Compatible memory cards	SD	Security	
Graphics		Fingerprint reader	✓
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4070	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	355 mm
On-board graphics card model *	Intel® UHD Graphics	Depth	249 mm
Discrete graphics card memory	8 GB	Height	21.9 mm
		Weight *	1.9 kg



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