

ASUS Vivobook Pro 16X OLED K6604 Intel® Core™ i9 i9-13980HX Laptop 40.6 cm (16") 3.2K 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Black



Brand : ASUS

Product family: Vivobook

Product code: 90NB1102-M009W0

Product name : Vivobook Pro 16X OLED K6604

- Windows 11 Home 64-bit
 - Intel Core i9-13980HX (36MB Cache)
 - 40.6 cm (16") 3.2K 3200 x 2000 OLED, NVIDIA GeForce RTX 4060 (8GB GDDR6)
 - 32GB DDR5-SDRAM (2 x 16) & 1000GB SSD
 Intel Core i9-13980HX (36MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") 3.2K 3200 x 2000 OLED, Intel UHD Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit
 ASUS Vivobook Pro 16X OLED K6604. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor: i9-13980HX. Display diagonal: 40.6 cm (16"), HD type: 3.2K, Display resolution: 3200 x 2000 pixels. Internal memory: 32 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 4060. Operating system installed: Windows 11 Home. Product colour: Black

Design		Graphics	
Color name	0°Black	On-board graphics card model *	Intel® UHD Graphics
Product type *	Laptop	Audio	
Product colour *	Black	Speakers manufacturer	Harman Kardon
Form factor *	Clamshell	Built-in microphone	✓
Display		Camera	
Display diagonal *	40.6 cm (16")	Front camera	✓
Display resolution *	3200 x 2000 pixels	Front camera resolution	1920 x 1080 pixels
Touchscreen *	✗	Front camera HD type	Full HD
HD type	3.2K	Privacy camera	✓
Panel type	OLED	Privacy type	Privacy shutter
Native aspect ratio	16:10	Network	
RGB colour space	DCI-P3	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Color gamut	100%	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Maximum refresh rate	120 Hz	Mobile network connection *	✗
Processor		Antenna type	1x1
Processor manufacturer *	Intel	Ethernet LAN connection	✓
Processor family *	Intel® Core™ i9	Ethernet LAN data rates	10,1000,100 Mbit/s
Processor generation	13th gen Intel® Core™ i9	Bluetooth	✓
Processor *	i9-13980HX	Bluetooth version	5.3
Processor number of cores	24	Ports & interfaces	
Processor boost frequency	5.6 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Performance cores	8	Ethernet LAN (RJ-45) ports	1
Efficient cores	16	HDMI ports quantity *	1
Performance-core Max Turbo Frequency	5.6 GHz	HDMI version	2.1
Efficient-core Max Turbo Frequency	4 GHz	Thunderbolt 4 ports quantity	2
Processor cache	36 MB	Intel® Thunderbolt 4	✓
Processor cache type	Smart Cache	Combo headphone/mic port	✓
Processor base power	55 W	USB Type-C DisplayPort Alternate Mode	✓
Maximum turbo power	157 W		

Memory		Performance	
Internal memory *	32 GB	Repairability index	8.1
Internal memory type	DDR5-SDRAM	Keyboard	
Memory form factor	SO-DIMM	Pointing device	Touchpad
Memory layout (slots x size)	2 x 16 GB	Numeric keypad *	✓
Memory slots	2x SO-DIMM	Keyboard backlit	✓
Memory, maximum *	32 GB	Software	
Storage		Operating system architecture	64-bit
Total storage capacity *	1 TB	Operating system installed *	Windows 11 Home
Storage media *	SSD	Battery	
Total SSDs capacity	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Number of SSDs installed	1	Number of battery cells	4
Solid-state drive capacity	1 TB	Battery capacity *	90 Wh
Solid-state drive interfaces	PCI Express 4.0	Power	
NVMe	✓	AC adapter power	240 W
SSD form factor	M.2	AC adapter frequency	50 - 60 Hz
Optical drive *	✗	AC adapter input voltage	100 - 240 V
Card reader integrated	✓	AC adapter output current	12 A
Compatible memory cards	SD	AC adapter output voltage	20 V
Graphics		DC-in jack	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4060	USB Power Delivery (USB PD)	✓
Discrete graphics card memory	8 GB	Security	
Discrete graphics memory type	GDDR6	Fingerprint reader	✓
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board GPU manufacturer	Intel	Weight & dimensions	
Discrete graphics card *	✓	Width	355 mm
On-board graphics card family	Intel® UHD Graphics	Depth	249 mm
		Height	21.9 mm
		Weight *	1.9 kg



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