



# ASUS VivoBook Pro 16X OLED K6604JI-MX007W Intel® Core™ i9 i9-13980HX Laptop 40.6 cm (16") 3.2K 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Silver



**Brand :** ASUS

**Product family:** VivoBook

**Product code:** 90NB10Z1-M000K0

**Product name :** K6604JI-MX007W



- Windows 11 Home 64-bit  
 - Intel Core i9-13980HX (36MB Cache)  
 - 40.6 cm (16") 3.2K 3200 x 2000 OLED, NVIDIA GeForce RTX 4070 (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 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit  
 ASUS VivoBook Pro 16X OLED K6604JI-MX007W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: 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 4070. Operating system installed: Windows 11 Home. Product colour: Silver



Design		Camera	
Colour name	Cool Silver	Front camera	✓
Product type *	Laptop	Front camera HD type	Full HD
Product colour *	Silver	Privacy camera	✓
Form factor *	Clamshell	Privacy type	Privacy shutter
Housing material	Plastic	Network	
Country of origin	China	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display		Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display diagonal *	40.6 cm (16")	Mobile network connection *	✗
Display resolution *	3200 x 2000 pixels	Antenna type	2x2
Touchscreen *	✗	Ethernet LAN	✓
HD type	3.2K	Bluetooth	✓
Panel type	OLED	Bluetooth version	5.3
Native aspect ratio	16:10	Ports & interfaces	
Display surface	Gloss	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Maximum display brightness (HDR)	600 cd/m <sup>2</sup>	Ethernet LAN (RJ-45) ports	1
RGB colour space	DCI-P3	HDMI ports quantity *	1
Colour gamut	100%	HDMI version	2.1
Maximum refresh rate	120 Hz	Thunderbolt 4 ports quantity	2
Contrast ratio (typical)	1000000:1	Intel® Thunderbolt 4	✓
High Dynamic Range (HDR) supported	✓	Combo headphone/mic port	✓
High Dynamic Range (HDR) technology	HDR True Black 600	Charging port type	DC-in jack
Processor		Power adapter barrel connector	6.0 mm
Processor manufacturer *	Intel	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	Intel® Core™ i9	USB Power Delivery	✓
Processor generation	13th gen Intel® Core™ i9	Keyboard	
Processor model *	i9-13980HX	Pointing device	Touchpad
Processor cores	24		

<b>Processor</b>		<b>Keyboard</b>	
Processor boost frequency	5.6 GHz	Numeric keypad *	✓
Processor cache	36 MB	Keyboard backlit	✓
<b>Memory</b>		<b>Software</b>	
Internal memory *	32 GB	Operating system architecture	64-bit
Internal memory type	DDR5-SDRAM	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Memory form factor	SO-DIMM	Operating system installed *	Windows 11 Home
Memory layout (slots x size)	2 x 16 GB	<b>Battery</b>	
Maximum internal memory *	64 GB	Battery technology	Lithium-Ion (Li-Ion)
<b>Storage</b>		Number of battery cells	4
Total storage capacity *	1 TB	Battery capacity *	90 Wh
Storage media *	SSD	<b>Power</b>	
Total SSDs capacity	1 TB	AC adapter power	240 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
SSD capacity	1 TB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	AC adapter output current	12 A
NVMe	✓	AC adapter output voltage	20 V
SSD form factor	M.2	<b>Security</b>	
Optical drive type *	✗	Fingerprint reader	✓
Card reader integrated	✓	Trusted Platform Module (TPM)	✓
Compatible memory cards	SD	Password protection	✓
<b>Graphics</b>		Password protection type	BIOS, User
Discrete graphics card model *	NVIDIA GeForce RTX 4070	<b>Weight &amp; dimensions</b>	
Discrete graphics card memory	8 GB	Width	355 mm
Discrete graphics memory type	GDDR6	Depth	249 mm
On-board graphics card *	✓	Height	21.9 mm
On-board GPU manufacturer	Intel	Weight *	1.9 kg
Discrete graphics card *	✓	<b>Packaging data</b>	
On-board graphics card model *	Intel® UHD Graphics	Package width	65 mm
<b>Audio</b>		Package depth	488 mm
Speakers manufacturer	Harman Kardon	Package height	310 mm
Built-in microphone	✓	Package weight	4.82 kg
		<b>Logistics data</b>	
		Commodity Classification Automated Tracking System (CCATS)	8471300000



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