



ASUS VivoBook Pro 16X OLED K6604JI-MX007W Laptop 40.6 cm (16") 3.2K Intel® Core™ i9 i9-13980HX 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 HD type	Full HD
Product type *	Laptop	Privacy camera	✓
Product colour *	Silver	Privacy type	Privacy shutter
Form factor *	Clamshell	Network	
Housing material	Plastic	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Country of origin	China	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display		Mobile network connection *	✗
Display diagonal *	40.6 cm (16")	Antenna type	2x2
Display resolution *	3200 x 2000 pixels	Ethernet LAN	✓
Touchscreen *	✗	Bluetooth	✓
HD type	3.2K	Bluetooth version	5.3
Panel type	OLED	Ports & interfaces	
Native aspect ratio	16:10	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display surface	Gloss	Ethernet LAN (RJ-45) ports	1
Maximum display brightness (HDR)	600 cd/m ²	HDMI ports quantity *	1
RGB colour space	DCI-P3	HDMI version	2.1
Colour gamut	100%	Thunderbolt 4 ports quantity	2
Maximum refresh rate	120 Hz	Intel® Thunderbolt 4	✓
Contrast ratio (typical)	1000000:1	Combo headphone/mic port	✓
High Dynamic Range (HDR) supported	✓	Charging port type	DC-in jack
High Dynamic Range (HDR) technology	HDR True Black 600	Power adapter barrel connector	6.0 mm
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	Intel	USB Power Delivery	✓
Processor generation	13th gen Intel® Core™ i9	Keyboard	
Processor family *	Intel® Core™ i9	Pointing device	Touchpad
Processor model *	i9-13980HX	Numeric keypad *	✓
Processor boost frequency	5.6 GHz		

Processor		Keyboard	
Processor cores	24	Keyboard backlit	✓
Processor cache	36 MB	Software	
Memory		Operating system architecture	64-bit
Internal memory *	32 GB	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Internal memory type	DDR5-SDRAM	Operating system installed *	Windows 11 Home
Memory form factor	SO-DIMM	Battery	
Memory layout (slots x size)	2 x 16 GB	Battery technology	Lithium-Ion (Li-Ion)
Maximum internal memory *	64 GB	Number of battery cells	4
Storage		Battery capacity *	90 Wh
Total storage capacity *	1 TB	Power	
Storage media *	SSD	AC adapter power	240 W
Total SSDs capacity	1 TB	AC adapter frequency	50 - 60 Hz
Number of SSDs installed	1	AC adapter input voltage	100 - 240 V
SSD capacity	1 TB	AC adapter output current	12 A
SSD interface	PCI Express 4.0	AC adapter output voltage	20 V
NVMe	✓	Security	
SSD form factor	M.2	Fingerprint reader	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✓	Password protection	✓
Compatible memory cards	SD	Password protection type	BIOS, User
Graphics		Weight & dimensions	
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Width	355 mm
On-board graphics card *	✓	Depth	249 mm
Discrete graphics card *	✓	Height	21.9 mm
On-board graphics card model *	Intel® UHD Graphics	Weight *	1.9 kg
Discrete graphics card memory	8 GB	Packaging data	
Discrete graphics memory type	GDDR6	Package width	65 mm
Audio		Package depth	488 mm
Speakers manufacturer	Harman Kardon	Package height	310 mm
Built-in microphone	✓	Package weight	4.82 kg
Camera		Technical details	
Front camera	✓	Commodity Classification Automated Tracking System (CCATS)	8471300000



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