

ASUS Vivobook Pro 16 OLED H6602VU-MX155X Intel® Core™ i5 i5-13500H Laptop 40,6 cm (16") 3.2K 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6E (802.11ax) Windows 11 Pro Blue

Brand : ASUS

Product family: Vivobook

Article code: 90NB1151-M00920

Product name : H6602VU-MX155X



ASUS Vivobook Pro 16 OLED H6602VU-MX155X. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-13500H. Display diagonal: 40,6 cm (16"), HD type: 3.2K, Display resolution: 3200 x 2000 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4050. Operating system installed: Windows 11 Pro. Product color: Blue



Design		Audio	
Colour name	Quiet Blue	Built-in microphone	✓
Product type *	Laptop	Camera	
Product colour *	Blue	Front camera	✓
Form factor *	Clamshell	Front camera resolution	1920 x 1080 pixels
Market positioning	Performance	Front camera HD type	Full HD
Display		Privacy camera	✓
Display diagonal *	40.6 cm (16")	Privacy type	Privacy shutter
Display resolution *	3200 x 2000 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
HD type	3.2K	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Panel type	OLED	Mobile network connection *	✗
Native aspect ratio	16:10	Antenna type	2x2
RGB colour space	DCI-P3	Ethernet LAN	✓
Colour gamut	100%	Ethernet LAN data rates	10,100,1000 Mbit/s
Maximum refresh rate	120 Hz	Bluetooth	✓
Processor		Bluetooth version	5.3
Processor manufacturer *	Intel	Ports & interfaces	
Processor family *	Intel® Core™ i5	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor generation	13th gen Intel® Core™ i5	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor model *	i5-13500H	Ethernet LAN (RJ-45) ports	1
Processor cores	12	HDMI ports quantity *	1
Processor boost frequency	4.7 GHz	HDMI version	2.1
Performance cores	4	Thunderbolt 4 ports quantity	1
Efficient cores	8	Intel® Thunderbolt 4	✓
Performance-core Max Turbo Frequency	4.7 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	3.5 GHz		
Processor cache	18 MB		

Processor		Ports & interfaces	
Processor cache type	Smart Cache	Charging port type	DC-in jack
Processor base power	45 W	USB Type-C DisplayPort Alternate Mode	✓
Maximum turbo power	95 W		
Memory		Performance	
Internal memory *	16 GB	Repairability index	8
Internal memory type	DDR5-SDRAM		
Memory form factor	On-board + SO-DIMM	Keyboard	
Memory slots	1x SO-DIMM	Pointing device	Touchpad
Maximum internal memory *	24 GB	Numeric keypad *	✓
		Keyboard backlit	✓
Storage		Software	
Total storage capacity *	1 TB	Operating system architecture	64-bit
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Total SSDs capacity	1 TB		
Number of SSDs installed	1	Battery	
SSD capacity	1 TB	Battery technology	Lithium-Ion (Li-Ion)
SSD interface	PCI Express 4.0	Number of battery cells	6
NVMe	✓	Battery capacity *	96 Wh
SSD form factor	M.2		
Optical drive type *	✗	Power	
Card reader integrated	✓	AC adapter power	150 W
Compatible memory cards	MicroSD (TransFlash)	AC adapter frequency	50 - 60 Hz
		AC adapter input voltage	100 - 240 V
Graphics		AC adapter output current	7.5 A
Discrete graphics card model *	NVIDIA GeForce RTX 4050	AC adapter output voltage	20 V
Discrete graphics card memory	6 GB	USB Power Delivery (USB PD) *	✓
Discrete graphics memory type	GDDR6		
On-board graphics card *	✓	Security	
On-board GPU manufacturer	Intel	Fingerprint reader	✓
Discrete graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board graphics card model *	Intel Iris Xe Graphics	Password protection	✓
Audio		Weight & dimensions	
Audio system	Smart Amp	Width	355.3 mm
		Depth	252 mm
		Height (front)	1.99 cm
		Height (rear)	2 cm
		Weight *	1.9 kg



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