

## ASUS Vivobook Pro 15 OLED N6506MV-MA004W laptop Intel Core Ultra 9 185H 39.6 cm (15.6") 3K 24 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Grey



**Brand :** ASUS

**Product family:** Vivobook

**Product code:** N6506MV-MA004W

**Product name :** N6506MV-MA004W

- Windows 11 Home 64-bit
- Intel Core Ultra 9 185H (24MB Cache)
- 39.6 cm (15.6") 3K 2880 x 1620 OLED, NVIDIA GeForce RTX 4060 (8GB GDDR6)
- 24GB DDR5-SDRAM & 1000GB SSD

Intel Core Ultra 9 185H (24MB Cache), 24GB DDR5-SDRAM, 1000GB SSD, 39.6 cm (15.6") 3K 2880 x 1620 OLED, Intel Arc Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook Pro 15 OLED N6506MV-MA004W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 185H. Display diagonal: 39.6 cm (15.6"), HD type: 3K, Display resolution: 2880 x 1620 pixels. Internal memory: 24 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4060. Operating system installed: Windows 11 Home. Product colour: Grey

Design		Audio	
Colour name	Earl Grey	Built-in microphone	✓
Product type *	Laptop	Camera	
Product colour *	Grey	Front camera	✓
Form factor *	Clamshell	Front camera resolution (numeric)	5 MP
Display		Infrared (IR) camera	✓
Display diagonal *	39.6 cm (15.6")	Privacy camera	✓
Display resolution *	2880 x 1620 pixels	Privacy type	Privacy shutter
Touchscreen *	✗	Network	
HD type	3K	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Panel type	OLED	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Native aspect ratio	16:9	Mobile network connection *	✗
Display surface	Gloss	Antenna type	2x2
Display brightness	400 cd/m <sup>2</sup>	Ethernet LAN	✓
Maximum display brightness (HDR)	600 cd/m <sup>2</sup>	Ethernet LAN data rates	10,100,1000 Mbit/s
RGB colour space	DCI-P3	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.3
Display response rise/fall	0.2 ms	Ports & interfaces	
Maximum refresh rate	120 Hz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display number of colours	1.073 billion colours	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Contrast ratio (typical)	1000000:1	Ethernet LAN (RJ-45) ports	1
High Dynamic Range (HDR) supported	✓	HDMI ports quantity *	1
High Dynamic Range (HDR) technology	HDR True Black 600	HDMI version	2.1
Processor		Thunderbolt 4 ports quantity	1
Processor manufacturer *	Intel	Intel® Thunderbolt 4	✓
Processor family *	Intel Core Ultra 9	Combo headphone/mic port	✓
Processor model *	185H	Charging port type	DC-in jack
Processor cores	16	Power adapter barrel connector	6.0 mm
Processor boost frequency	5.1 GHz	USB Type-C DisplayPort Alternate Mode	✓
Performance cores	6	USB Power Delivery (USB PD)	✓
Efficient cores	8		
Performance-core Max Turbo Frequency	5.1 GHz		

<b>Processor</b>		<b>Keyboard</b>	
Efficient-core Max Turbo Frequency	3.8 GHz	Pointing device	DialPad
Performance-core base frequency	2.3 GHz	Keyboard layout	QWERTZ
Efficient-core base frequency	1.8 GHz	Keyboard language	German
Processor cache	24 MB	Numeric keypad *	✓
Processor cache type	Smart Cache	Keyboard backlit	✓
Processor base power	45 W	<b>Software</b>	
Maximum turbo power	115 W	Operating system architecture	64-bit
<b>Memory</b>		Trial software	McAfee 30 days, Microsoft 365 30 days
Internal memory *	24 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR5-SDRAM	<b>Battery</b>	
Memory form factor	On-board + SO-DIMM	Battery technology	Lithium-Ion (Li-Ion)
Memory slots	1x SO-DIMM	Number of battery cells	4
Maximum internal memory *	24 GB	Battery capacity *	75 Wh
<b>Storage</b>		<b>Power</b>	
Total storage capacity *	1 TB	AC adapter power	200 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	1 TB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	AC adapter output current	10 A
SSD capacity	1 TB	AC adapter output voltage	20 V
SSD interface	PCI Express 4.0	<b>Security</b>	
NVMe	✓	Face recognition	✓
SSD form factor	M.2	Windows Hello	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✓	Password protection	✓
Compatible memory cards	SD	Password protection type	BIOS, User
<b>Graphics</b>		<b>Certificates</b>	
Discrete GPU manufacturer	NVIDIA	Compliance certificates	RoHS, REACH
Discrete graphics card model *	NVIDIA GeForce RTX 4060	<b>Sustainability</b>	
Discrete graphics card memory	8 GB	Sustainability compliance	✓
Discrete graphics memory type	GDDR6	Sustainability certificates	EPEAT Silver, ENERGY STAR
On-board graphics card *	✓	<b>Weight &amp; dimensions</b>	
On-board GPU manufacturer	Intel	Width	355.7 mm
Discrete graphics card *	✓	Depth	235.3 mm
On-board graphics card model *	Intel Arc Graphics	Height	19.9 mm
<b>Audio</b>		Weight *	1.8 kg
Audio system	Smart Amp	<b>Packaging data</b>	
Speakers manufacturer	Harman Kardon	Package width	460 mm
		Package depth	290 mm
		Package height	65 mm
		Package weight	2.05 kg



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