

ASUS Vivobook Pro 15 OLED N6506MV-MA026W Intel Core Ultra 9 185H Laptop 39.6 cm (15.6") 3K 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Grey



Brand : ASUS

Product family: Vivobook

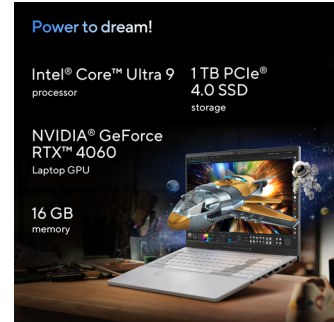
Product code: 90NB12Y3-M00140

Product name : N6506MV-MA026W

- Unlock AI experience
- Realise your creativity
- ASUS IceCool for non-stop performance
- World-leading 16:9 3K 120Hz OLED display
- ASUS DialPad
- Enjoy it the easy way
- Protect your journey

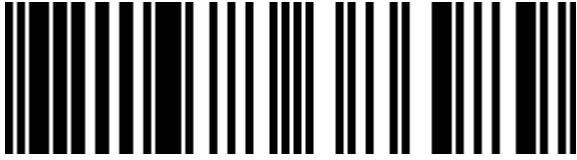
Intel Core Ultra 9 185H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 39.6 cm (15.6") 3K 2880 x 1620 OLED, Intel Arc Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook Pro 15 OLED N6506MV-MA026W. 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: 16 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	Audio system	Smart Amp
Product type *	Laptop	Speakers manufacturer	Harman Kardon
Product colour *	Grey	Built-in microphone	✓
Form factor *	Clamshell	Camera	
Housing material	Plastic	Front camera	✓
Market positioning	Home	Front camera resolution (numeric)	5 MP
Introduction year	2024	Infrared (IR) camera	✓
Country of origin	China	Privacy camera	✓
Display		Privacy type	Privacy shutter
Display diagonal *	39.6 cm (15.6")	Network	
Display resolution *	2880 x 1620 pixels	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6E (802.11ax)
HD type	3K	Mobile network connection *	✗
Panel type	OLED	Antenna type	2x2
Native aspect ratio	16:9	Ethernet LAN	✓
Display surface	Gloss	Ethernet LAN data rates	10,100,1000 Mbit/s
Maximum display brightness (HDR)	400 cd/m ²	Bluetooth	✓
RGB colour space	DCI-P3	Bluetooth version	5.3
Colour gamut	100%	Ports & interfaces	
Display response rise/fall	0.2 ms	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Maximum refresh rate	120 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display number of colours	1.073 billion colours	Ethernet LAN (RJ-45) ports	1
Contrast ratio (typical)	1000000:1	HDMI ports quantity *	1
High Dynamic Range (HDR) supported	✓	HDMI version	2.1
High Dynamic Range (HDR) technology	HDR True Black 600	Thunderbolt 4 ports quantity	1
Processor		Intel® Thunderbolt 4	✓
Processor manufacturer *	Intel		

Processor		Ports & interfaces	
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	✓
Efficient cores	8	Keyboard	
Performance-core Max Turbo Frequency	5.1 GHz	Pointing device	Touchpad
Efficient-core Max Turbo Frequency	3.8 GHz	Numeric keypad *	✓
Performance-core base frequency	2.3 GHz	Keyboard backlit	✓
Efficient-core boost frequency	1.8 GHz	Software	
Processor cache	24 MB	Operating system architecture	64-bit
Processor cache type	Smart Cache	Operating system installed *	Windows 11 Home
Processor base power	45 W	Battery	
Maximum turbo power	115 W	Battery technology	Lithium-Ion (Li-Ion)
Memory		Number of battery cells	4
Internal memory *	16 GB	Battery capacity *	75 Wh
Internal memory type	DDR5-SDRAM	Power	
Memory form factor	On-board + SO-DIMM	AC adapter power	200 W
Memory layout (slots x size)	1 x 8 GB	AC adapter frequency	50 - 60 Hz
Memory slots	1x SO-DIMM	AC adapter input voltage	100 - 240 V
Maximum internal memory *	24 GB	AC adapter output current	10 A
Storage		AC adapter output voltage	20 V
Total storage capacity *	1 TB	Security	
Storage media *	SSD	Face recognition	✓
Total SSDs capacity	1 TB	Windows Hello	✓
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	1 TB	Password protection	✓
SSD interface	PCI Express 4.0	Password protection type	BIOS, User
NVMe	✓	Certificates	
SSD form factor	M.2	Compliance certificates	RoHS, REACH
Optical drive type *	✗	Sustainability	
Card reader integrated	✓	Sustainability compliance	✓
Compatible memory cards	SD	Sustainability certificates	EPEAT Silver, ENERGY STAR
Graphics		Weight & dimensions	
Discrete GPU manufacturer	NVIDIA	Width	355.7 mm
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Depth	235.3 mm
Discrete graphics card memory	8 GB	Height	19.9 mm
Discrete graphics memory type	GDDR6	Weight *	1.8 kg
On-board graphics card *	✓	Packaging data	
Discrete graphics card *	✓	Package width	65 mm
On-board graphics card model *	Intel Arc Graphics	Package depth	488 mm
		Package height	310 mm
		Package weight	3.76 kg
		Logistics data	
		Commodity Classification Automated Tracking System (CCATS)	8471300000



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