

# N6506MV-MA043W - Model Specification

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## FULL DETAIL

Part No	90NB12Y2-M003X0
Model Name	N6506MV-MA043W
TTV	2023-12-25
End of Production	2025-06-30
EAN Code	4711387445440
UPC Code	197105445444
WEEE	1.3
BASE UNIT	VSNB12Y2-BU1000
Marketing Name	ASUS Vivobook Pro 15 OLED
Operating System	Windows 11 Home - ASUS recommends Windows 11 Pro for business
LCD cover-material	Aluminum
LCD cover-color	Cool Silver
Top case-material	Plastic
Top case-color	Cool Silver
Keyboard color	White
Bottom case-material	Plastic
Bottom case-color	Cool Silver
Military grade	US MIL-STD 810H military-grade standard
Touch Panel	Non-touch screen
Panel Size	15.6-inch
Resolution	3K (2880 x 1620) OLED 16:9 aspect ratio
Response time	0.2ms response time
Refresh rate	120Hz refresh rate
Brightness	400nits
Peak Brightness	600nits HDR peak brightness
Color gamut	100% DCI-P3 color gamut
Gamut mapping	Yes
Contrast ratio	1,000,000:1
VESA CERTIFIED Display HDR	VESA CERTIFIED Display HDR True Black 600
Color depth	1.07 billion colors
Pantone	PANTONE Validated
Glare	Glossy display
Low blue light	70% less harmful blue light
T?V Rheinland-certified	T V Rheinland-certified
Processor	Intel Core Ultra 9 Processor 185H 2.3 GHz (24MB Cache, up to 5.1 GHz, 16 cores, 22 Threads); Intel
Discrete/Share	Discrete
Intergrated GPU	Intel Arc Graphics
Graphics	NVIDIA GeForce RTX 4060 Laptop GPU
VRAM	8GB GDDR6
Expansion Slot(includes used)	1x DDR5 SO-DIMM slot
On board memory	8GB DDR5 on board
DIMM Memory	16GB DDR5 SO-DIMM
Total System Memory	DDR5 24GB
Storage	1TB M.2 NVMe PCIe 4.0 SSD

Front-facing camera	5.0M camera ; With privacy shutter
Wireless	Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth 5.3 Wireless Card (*Bluetooth version may change with
on board Wireless	Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth 5.3 Wireless Card (*Bluetooth version may change with
Touchpad	Touchpad support DialPad
I/O ports	1x USB 3.2 Gen 2 Type-C support display / power delivery 2x USB 3.2 Gen 1 Type-A 1x Thunderbolt 4 supports display / power delivery 1x HDMI 2.1 TMDS 1x 3.5mm Combo Audio Jack 1x RJ45 Gigabit Ethernet 1x DC-in SD 4.0 card reader
Audio	Smart Amp Technology Built-in speaker Built-in array microphone harman/kardon (Mainstream)
Voice control	with Cortana voice-recognition support
AC Adapter	6.0, 200W AC Adapter, Output: 20V DC, 10A, 200W, Input: 100~240V AC 50/60Hz universal
Battery	75WHrs, 4S1P, 4-cell Li-ion
Replaceable Battery	No
Keyboard type	Backlit Chiclet Keyboard with Num-key
Dimension (WxHxD)	35.57 x 23.53 x 1.99 ~ 1.99 cm (14.00in x 9.26in x 0.78in ~ 0.78in )
Weight (with Battery)	1.80 kg (3.97 lbs)
Weight (without Battery)	1.75 kg (3.86 lbs)
Antivirus	McAfee 30 days free trial
Security	McAfee 30 days free trial IR webcam with Windows Hello support McAfee BIOS Booting User Password Protection Microsoft Pluton security processor Trusted Platform Module (Firmware TPM)
MyASUS feature	System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect Link to MyASUS TaskFirst Live update ASUS OLED Care AI Noise Canceling
Built-in Apps	MyASUS ScreenXpert GlideX
Adobe Creative Cloud Hard Bundle	One-Month Membership of Adobe Creative Cloud All Apps, Individual._x000D_ The redemption duration from September 15, 2021 to August 31, 2024.