

H7606WI-ME016X - Model Specification

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FULL DETAIL

Part No	90NB1421-M00A30
Sales Model Name	H7606WI-ME016X
EAN Code	4711387691342
UPC Code	197105691346
WEEE	1.684
BASE UNIT	VSNB1421-BU1100
Marketing Name	ProArt P16 OLED
Operating System	Windows 11 Pro - ASUS recommends Windows 11 Pro for business
Office	1-month trial for new Microsoft 365 customers. Credit card required.
LCD cover-material	Aluminum
LCD cover-color	Nano Black
Top case-material	Aluminum
Top case-color	Nano Black
Keyboard color	Black
Bottom case-material	Aluminum
Bottom case-color	Nano Black
Military grade	US MIL-STD 810H military-grade standard
Touch Panel	Touch screen
Panel Size	16.0-inch
Resolution	4K (3840 x 2400) OLED 16:10 aspect ratio
Response time	0.2ms response time
Refresh rate	60Hz refresh rate
Brightness	400nits
Peak Brightness	500nits 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 500
Color depth	1.07 billion colors
Pantone	PANTONE Validated
Glare	Glossy display
Low blue light	70% less harmful blue light
TÃœV Rheinland-certified	T V Rheinland-certified
SGS Eye Care Display	SGS Eye Care Display
Screen-to-body ratio	88%
Stylus support	With stylus support
Processor	AMD Ryzen AI 9 HX 370 Processor 2.0GHz (36MB Cache, up to 5.1GHz, 12 cores, 24 Threads); AMD P
Discrete/Share	Discrete
Intergrated GPU	AMD Radeon 890M Graphics
Graphics	NVIDIA GeForce RTX 4070 Laptop GPU
Graphic Memory	8GB GDDR6
Neural Processor	XDNA up to 50TOPs
Expansion Slot(includes used)	1x M.2 2280 PCIe 4.0x4 + 1x M.2 2280 PCIe 4.0x2

On board memory	64GB LPDDR5X on board
Total System Memory	LPDDR5X 64GB
Storage	2TB M.2 NVMe PCIe 4.0 SSD
Front-facing camera	FHD camera with IR function to support Windows Hello
Wireless	Wi-Fi 7(802.11be) (Triple band) 2*2 + Bluetooth 5.4 Wireless Card (*Bluetooth version may change with
Keyboard type	Backlit Chiclet Keyboard With Copilot key_x000D_ *Copilot in Windows (in preview) is rolling out gradually within the latest update to Windows 11 in select glo varies by device and market. Learn more: https://www.microsoft.com/en-us/windows/copilot-ai-features?r=
Touchpad	Seamless touchpad support DialPad
I/O ports	1x USB 3.2 Gen 2 Type-C support display / power delivery 2x USB 3.2 Gen 2 Type-A 1x USB 4.0 Gen 3 Type-C support display / power delivery 1x HDMI 2.1 FRL 1x 3.5mm Combo Audio Jack 1x DC-in SD Express 7.0 card reader
Audio	Smart Amp Technology Built-in speaker Built-in array microphone harman/kardon (Premium)
Power	Rectangle Conn, 200W AC Adapter, Output: 20V DC, 10A, 200W, Input: 100~240V AC, 50/60Hz universal
Battery	90WHrs, 4S1P, 4-cell Li-ion
Replaceable Battery	No
Dimension (W x H x D)	35.49 x 24.69 x 1.49 ~ 1.73 cm (13.97in x 9.72in x 0.59in ~ 0.68in)
Weight (with Battery)	1.85 kg (4.08 lbs)
Weight (without Battery)	1.80 kg (3.97 lbs)
Security	IR webcam with Windows Hello support Microsoft Pluton security processor Trusted Platform Module (Firmware TPM)
MyASUS feature	System diagnosis Battery health charging Fan Profile Splendid Function key lock WiFi SmartConnect Link to MyASUS TaskFirst Live update ASUS OLED Care AI Noise Canceling
Built-in Apps	CapCut MuseTree StoryCube MyASUS ProArt Creator Hub ScreenXpert GlideX
Adobe Creative Cloud Hard Bundle	Three-Month Membership of Adobe Creative Cloud All Apps, Individual_x000D_ The redemption duration from September 15, 2021 to August 31, 2024.
Included in the Box	Backpack USB-A to RJ45 gigabit ethernet adapter
Ecolabels & Compliances	Energy star 8.0 RoHS REACH