Part No	90NB17E1-M00010
Sales Model Name	H7606WX-SE001W
EAN Code	4711636222563
UPC Code	199291222564
WEEE	1.681
BASE UNIT	VSNB17E1-BU1100
Marketing Name	ProArt P16
Operating System	Windows 11 Home - ASUS recommends Windows 11 Pro for business
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	120Hz refresh rate
Peak Brightness	1600nits 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 1000
Color depth	1.07 billion colors
Pantone	PANTONE Validated
Surface texture of display	Anti-reflection display
Low blue light	70% less harmful blue light
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 XDNA™ NPU up to 50TOPS
Chipset	N/A
Discrete/Share	Discrete
Intergrated GPU	AMD Radeon™ 890M Graphics
Graphics	NVIDIA® GeForce RTX™ 5090 Laptop GPU
Graphic Memory	24GB GDDR7

Neural Processor	AMD XDNA™ NPU 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 *2
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 OS version different.)
Keyboard type	Backlit Chiclet Keyboard With Copilot key *Copilot in Windows (in preview) is rolling out gradually within the latest update to Windows 11 in select global markets. Timing of availability varies by device and market. Learn more: https://www.microsoft.com/en-us/windows/copilot-ai-features?r=1#faq
Touchpad	Precision touchpad support DialPad
FingerPrint	N/A
I/O ports	1x USB 3.2 Gen 2 Type-C with support for display / power delivery (data speed up to 10Gbps) 1x USB 4.0 Gen 3 Type-C with support for display / power delivery (data speed up to 40Gbps) 2x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps) 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
Voice control	N/A
Power	Rectangle Conn, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240V AC 50/60Hz universal
Required charging power	Min: 45W Max: 100W
Battery	90WHrs, 4S1P, 4-cell Li-ion
Replaceable Battery	No
Weight (with Battery)	1.95 kg (4.30 lbs)
Weight (without Battery)	1.63 kg (3.59 lbs)
Dimension (W x H x D)	35.49 x 24.69 x 1.49 ~ 1.83 cm (13.97" x 9.72" x 0.59" ~ 0.72")
Built-in Apps	ASUS Recovery CapCut MuseTree StoryCube MyASUS ProArt Creator Hub ScreenXpert GlideX
MyASUS feature	System diagnosis Battery health charging Fan Profile Splendid Function key lock WiFi SmartConnect TaskFirst Live update ASUS OLED Care AI Noise Canceling AdaptiveLock ASUS OLED Care (screensaver)
Content for GoPro free subscription	6-Month GoPro Premium+ Subscription
Office	1-month trial for new Microsoft 365 customers. Credit card required.
Antivirus	N/A

Security	**IR webcam with Windows Hello support** **Microsoft Pluton security processor** **Trusted Platform Module (Firmware TPM)**
Adobe Creative Cloud Hard Bundle	**3-Month Membership of Adobe Creative Cloud All Apps, Individual.** **The redemption duration from September 15, 2021 to August 31, 2026.**
Ecolabels & Compliances	**Energy star 8.0** **RoHS** **REACH**
Reparability Index (for France)	**9.5**
Reparability Index (for BNL)	**9.5**