

Part No	**90NB1421-M001R0**
Model Name	**H7606WI-ME039X**
EAN Code	**4711387654316**
UPC Code	**197105654310**
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**
TÜV Rheinland-certified	**TÜV Rheinland-certified**
SGS Eye Care Display	**SGS Eye Care Display**
Screen-to-body ratio	**88%**

Processor	**AMD Ryzen™ AI 9 HX 370 Processor 2.0GHz (36MB Cache, up to 5.1GHz, 12 cores, 24 Threads); AMD Ryzen™ AI up to 81 TOPs**
Chipset	**N/A**
Discrete/Share	**Discrete**
Intergrated GPU	**AMD Radeon™ 890M Graphics**
Graphics	**NVIDIA® GeForce RTX™ 4070 Laptop GPU**
VRAM	**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	**32GB LPDDR5X on board**
Total System Memory	**LPDDR5X 32GB**
Storage	**1TB 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 OS version different.)**
Touchpad	**Seamless touchpad** **support DialPad**
FingerPrint	**N/A**
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)**
Voice control	**N/A**
AC Adapter	**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**
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**
Dimension (WxHxD)	**35.49 x 24.69 x 1.49 ~ 1.73 cm (13.97" x 9.72" x 0.59" ~ 0.68")**
Weight (with Battery)	**1.85 kg (4.08 lbs)**
Weight (without Battery)	**1.80 kg (3.97 lbs)**
Antivirus	**N/A**
Security	**N/A** **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.** **The redemption duration from September 15, 2021 to August 31, 2024.**
Included in the Box	**Stylus (ASUS Pen SA203H-MPP2.0 support)** **USB-A to RJ45 gigabit ethernet adapter**