

Part No	**90NB19H1-M000S0**
Sales Model Name	**H7606GM-PROART-DICSR009X**
EAN Code	**4711636633109**
UPC Code	**199291633100**
BASE UNIT	**VSNB19H1-BU2100**
Marketing Name	**ProArt P16**
Operating System	**Windows 11 Pro**
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	**3K (2880 x 1800) OLED 16:10 aspect ratio**
Response time	**0.2ms response time**
Refresh rate	**120Hz**
Brightness	**500nits**
Peak Brightness	**1000nits 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**
Surface texture of display	**Anti-glare and low-reflection(AGLR) 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%**
Stylus support	**With stylus support**
Processor	**AMD Ryzen™ AI 9 465 Processor 2.0GHz (34MB Cache, up to 5.0GHz, 10 cores, 20 Threads); AMD XDNA™ NPU up to 50TOPS**

Chipset	**N/A**
Discrete/Share	**Discrete**
Intergrated GPU	**AMD Radeon™ Graphics**
Graphics	**NVIDIA® GeForce RTX™ 5060 Laptop GPU**
Graphic Memory	**8GB 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	**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.)**
Keyboard type	**Backlit Chiclet Keyboard**
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**
Charger included	**Included**
Power	**Rectangle Conn, 200W AC Adapter, Output: 20V DC, 10A, 200W, Input: 100~240V AC, 50/60Hz universal**
Required charging power	**Min: 45W** **Max: 100W** ***The indicated wattage is for demonstrating the system's support capability as required by EU regulations.** **For optimal system performance, please use the standard-wattage adapter or higher.**
Battery	**90WHrs, 4S1P, 4-cell Li-ion**
Replaceable Battery	**No**
Weight (with Battery)	**1.85 kg (4.08 lbs)**
Weight (without Battery)	**1.80 kg (3.97 lbs)**
Dimension (W x H x D)	**35.49 x 24.69 x 1.49 ~ 1.73 cm (13.97" x 9.72" x 0.59" ~ 0.68")**
Built-in Apps	**StoryCube** **MuseTree** **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**

Exclusive subscription offers	**6-Month GoPro Premium+ Subscription** **3-Month Membership of Adobe Creative Cloud All Apps, Individual.** **The redemption duration from September 15, 2021 to August 31, 2026.** **3-Month Goodnotes Essential Subscription** **6-Month Dropbox 500GB Subscription** **1-Year ASUS Secure Auto-Backup 200GB Subscription**
Office	**1-month trial for new Microsoft 365 customers. Credit card required.**
Antivirus	**N/A**
Security	**IR webcam with Windows Hello support** **Trusted Platform Module (Firmware TPM)** **Microsoft Pluton security processor**
Ecolabels & Compliances	**Energy star** **RoHS** **REACH**
Reparability Index (for France)	**9.7**