

**ASUS ProArt P16 H7606WI-ME025W AMD Ryzen AI 9 HX 370 Laptop 40.6 cm (16") Touchscreen WQUXGA 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 7 (802.11be) Windows 11 Home Black**



**Brand :** ASUS

**Product family:** ProArt

**Product code:** 90NB1421-M00170

**Product name :** H7606WI-ME025W

AMD Ryzen AI 9 HX 370 (36MB Cache, 2GHz), 32GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") WQUXGA 3840 x 2400 OLED Touch, AMD Radeon 890M, NVIDIA GeForce RTX 4070 (8GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit

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### ProArt P16

#### Creativity Unrivaled, Anywhere

Meet ProArt P16 – your ultimate creative companion for the studio and on the move. Its OLED touchscreen ensures precise color accuracy for flawless proofing, while versatile I/O ports seamlessly connect all your peripherals. This NVIDIA® Studio-validated laptop packs a GeForce RTX™ 40 Series Laptop GPU, providing powerful graphics and 321 TOPS AI performance. Additionally, it features up to a 50 TOPS AMD Ryzen™ AI 9 HX 370 processor, delivering exceptional processing power. With AI-enhanced creative features, military-grade toughness, and a long-lasting battery, ProArt P16 transforms any setting into your studio.

| Design                              |                           | Graphics  |                    |
|-------------------------------------|---------------------------|---|--------------------|
| Colour name                         | Nano Black                | On-board graphics card family                   | AMD Radeon         |
| Product type *                      | Laptop                    | On-board graphics card model *                  | AMD Radeon 890M    |
| Product colour *                    | Black                     | Audio   |                    |
| Form factor *                       | Clamshell                 | Audio system                                    | Smart Amp          |
| Housing material                    | Aluminium                 | Speakers manufacturer                           | Harman Kardon      |
| Country of origin                   | China                     | Built-in microphone                             | ✓                  |
| Display                             |                           | Camera  |                    |
| Display diagonal *                  | 40.6 cm (16")             | Front camera                                    | ✓                  |
| Display resolution *                | 3840 x 2400 pixels        | Front camera HD type                            | Full HD            |
| Touchscreen *                       | ✓                         | Infrared (IR) camera                            | ✓                  |
| HD type                             | WQUXGA                    | Network   |                    |
| Panel type                          | OLED                      | Top Wi-Fi standard *                            | Wi-Fi 7 (802.11be) |
| Native aspect ratio                 | 16:10                     | Wi-Fi standards                                 | Wi-Fi 7 (802.11be) |
| Display surface                     | Gloss                     | Mobile network connection *                     | ✗                  |
| Display brightness                  | 400 cd/m <sup>2</sup>     | Antenna type                                    | 2x2                |
| Maximum display brightness (HDR)    | 500 cd/m <sup>2</sup>     | Ethernet LAN                                    | ✗                  |
| RGB colour space                    | DCI-P3                    | Bluetooth                                       | ✓                  |
| Colour gamut                        | 100%                      | Bluetooth version                               | 5.4                |
| Display response rise/fall          | 0.2 ms                    | Ports & interfaces                              |                    |
| Maximum refresh rate                | 60 Hz                     | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 2                  |
| Display number of colours           | 1.073 billion colours     | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1                  |
| Contrast ratio (typical)            | 1000000:1                 | USB4 Gen 3x2 ports quantity                     | 1                  |
| High Dynamic Range (HDR) supported  | ✓                         | HDMI ports quantity *                           | 1                  |
| High Dynamic Range (HDR) technology | DisplayHDR True Black 500 | HDMI version                                    | 2.1                |
| Processor                           |                           | Combo headphone/mic port                        | ✓                  |
| Processor manufacturer *            | AMD                       | Charging port type                              | DC-in jack         |
| Processor family *                  | AMD Ryzen AI 9 HX         |   |                    |
| Processor generation                | AMD Ryzen AI 300          |   |                    |

| Processor                         |                         | Ports & interfaces   |   |
|-----------------------------------|-------------------------|--|---|
| Processor model *                 | 370                     | USB Type-C DisplayPort Alternate Mode                      | ✔   |
| Processor cores                   | 12                      | Keyboard   |   |
| Processor threads                 | 24                      | Pointing device  | DialPad   |
| Processor boost frequency         | 5.1 GHz                 | Numeric keypad *   | ✖   |
| Processor frequency *             | 2 GHz                   | Keyboard backlit   | ✔   |
| Processor cache                   | 36 MB                   | Software   |   |
| Processor cache type              | L2 & L3                 | Operating system architecture                              | 64-bit  |
| Neural processor unit (NPU)       |                         | Trial software   | 1-month trial for new Microsoft 365 customers. Credit card required, Three-Month Membership of Adobe Creative Cloud All Apps, Individual. The redemption duration from September 15, 2021 to August 31, 2024. |
| Neural processor unit (NPU)       | AMD Ryzen AI            |  |   |
| Total processor performance up to | 80 TOPs                 | Operating system installed *                               | Windows 11 Home   |
| NPU performance up to             | 50 TOPs                 |  |   |
| Memory                            |                         | Battery  |   |
| Internal memory *                 | 32 GB                   | Battery technology   | Lithium-Ion (Li-Ion)  |
| Internal memory type              | LPDDR5x-SDRAM           | Number of battery cells                                    | 4   |
| Memory form factor                | On-board                | Battery capacity *   | 90 Wh   |
| Maximum internal memory *         | 32 GB                   | Power  |   |
| Storage                           |                         | AC adapter power   | 200 W   |
| Total storage capacity *          | 1 TB                    | AC adapter frequency                                       | 50 - 60 Hz  |
| Storage media *                   | SSD                     | AC adapter input voltage                                   | 100 - 240 V   |
| Total SSDs capacity               | 1 TB                    | AC adapter output current                                  | 10 A  |
| Number of SSDs installed          | 1                       | AC adapter output voltage                                  | 20 V  |
| SSD capacity                      | 1 TB                    | USB Power Delivery (USB PD) *                              | ✔   |
| SSD interface                     | PCI Express 4.0         | Security   |   |
| NVMe                              | ✔                       | Face recognition   | ✔   |
| SSD form factor                   | M.2                     | Windows Hello  | ✔   |
| Optical drive type *              | ✖                       | Trusted Platform Module (TPM)                              | ✔   |
| Card reader integrated            | ✔                       | Password protection  | ✔   |
| Compatible memory cards           | SD                      | Certificates   |   |
| Graphics                          |                         | Compliance certificates                                    | REACH   |
| Discrete GPU manufacturer         | NVIDIA                  | Sustainability   |   |
| Discrete graphics card model *    | NVIDIA GeForce RTX 4070 | Sustainability certificates                                | ENERGY STAR   |
| Discrete graphics card memory     | 8 GB                    | Weight & dimensions  |   |
| Discrete graphics memory type     | GDDR6                   | Width  | 354.9 mm  |
| On-board graphics card *          | ✔                       | Depth  | 246.9 mm  |
| On-board GPU manufacturer         | AMD                     | Height (front)   | 1.49 cm   |
| Discrete graphics card *          | ✔                       | Height (rear)  | 1.73 cm   |
|                                   |                         | Weight *   | 1.85 kg   |
|                                   |                         | Packaging content  |   |
|                                   |                         | Stylus pen   | ✔   |
|                                   |                         | Logistics data   |   |
|                                   |                         | Commodity Classification Automated Tracking System (CCATS) | 8471300000  |



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