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| Part No                       | 90NB16A1-M00AY0                                               |
| Sales Model Name              | H7607BA-SR149W                                                |
| EAN Code                      | 4711636615006                                                 |
| UPC Code                      | 199291615007                                                  |
| WEEE                          | 1.494                                                         |
| BASE UNIT                     | VSNB16A1-BU3100                                               |
| 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                    | 3K (2880 x 1800) OLED 16:10 aspect ratio                      |
| Response time                 | 0.2ms response time                                           |
| Refresh rate                  | 120Hz                                                         |
| Panel tech                    | OLED                                                          |
| Brightness                    | 500nits                                                       |
| Peak brightness               | 1100nits 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    | N/A                                                           |
| Low blue light                | 70% less harmful blue light                                   |
| Screen-to-body ratio          | 90%                                                           |
| Stylus support                | With stylus support                                           |
| Processor                     | NVIDIA RTX Spark N1X with 6144-core GPU and 20-core CPU       |
| Chipset                       | N/A                                                           |
| Discrete/Share                | Share                                                         |
| Intergrated GPU               | NVIDIA Blackwell RTX GPU                                      |
| Expansion Slot(includes used) | 2x M.2 2280 PCIe 5.0x4                                        |

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| 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 Wireless Card<br>Bluetooth® 5.4<br>(The features and supported version may vary depending on OS support and driver availability.)                                                                                                                                                                                                                                                                                                                                               |
| Keyboard type                 | Backlit Chiclet Keyboard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Touchpad                      | Haptic touchpad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| FingerPrint                   | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| I/O ports                     | 1x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps)<br>3x USB 4.0 Gen 3 Type-C with support for display / power delivery (data speed up to 40Gbps)<br>1x HDMI 2.1 FRL<br>1x 3.5mm Combo Audio Jack<br>SD Express 7.0 card reader                                                                                                                                                                                                                                                                                      |
| Audio                         | Smart Amp Technology<br>Built-in speaker<br>Built-in array microphone                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Voice control                 | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Charger included              | Included                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Power                         | TYPE-C, 140W AC Adapter, Output: 28V DC, 5A, 140W, Input: 100~240V AC, 50/60Hz universal, TYPE-C<br>Cable: 240W                                                                                                                                                                                                                                                                                                                                                                                                     |
| Required charging power       | Min: 45W<br>Max: 140W<br>*The indicated wattage is for demonstrating the system's support capability as required by EU regulations.<br>For optimal system performance, please use the standard-wattage adapter or higher.                                                                                                                                                                                                                                                                                           |
| Battery                       | 99.9WHrs, 4S1P, 4-cell Li-ion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Replaceable Battery           | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Weight (with Battery)         | 1.77 kg (3.90 lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Weight (without Battery)      | 1.72 kg (3.79 lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Dimension (W x H x D)         | 35.41 x 24.30 x 1.29 ~ 1.59 cm (13.94" x 9.57" x 0.51" ~ 0.63")                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Built-in Apps                 | MuseTree<br>StoryCube<br>MyASUS<br>ProArt Creator Hub<br>ScreenXpert<br>GlideX                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MyASUS feature                | System diagnosis<br>Battery health charging<br>Fan Profile<br>Splendid<br>Function key lock<br>WiFi SmartConnect<br>TaskFirst<br>Live update<br>ASUS OLED Care<br>AI Noise Canceling                                                                                                                                                                                                                                                                                                                                |
| Exclusive subscription offers | 3-Month Google AI Pro Subscription<br>6-Month GoPro Premium+ Subscription<br>3-Month Membership of Adobe Creative Cloud All Apps, Individual.<br>The redemption duration from September 15, 2021 to August 31, 2028.<br>3-Month Goodnotes Essential Subscription<br>6-Month Dropbox 500GB Subscription<br>1-Year ASUS Secure Auto-Backup 200GB Subscription<br>*Available in eligible markets only. Eligibility varies by region, device, and time. Terms and conditions apply.<br>See promotion pages for details. |
| Office                        | 1-month trial for new Microsoft 365 customers. Credit card required.                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Antivirus                     | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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| Security                        | IR webcam with Windows Hello support<br>Trusted Platform Module (TPM) 2.0<br>Microsoft Pluton security processor<br>BIOS Booting User Password Protection<br>HDD User Password Protection and Security |
| Ecolabels & Compliances         | N/A                                                                                                                                                                                                    |
| Reparability Index (for France) | 9.5                                                                                                                                                                                                    |

