Model	H7607BA / 90NB16A3-M00EM0
Marketing Name	ProArt P16
Operating System	Windows 11 Home - ASUS recommends Windows 11 Pro for business
LCD cover-material	Aluminum
LCD cover-color	Neo White
Top case-material	Aluminum
Top case-color	Neo White
Keyboard color	White
Bottom case-material	Aluminum
Bottom case-color	Neo White
Military grade	US MIL-STD 810H military-grade standard
Touch Panel	Touch screen
Panel Size	16.0-inch
Resolution	UHD+ (3840 x 2400, WQUXGA) OLED 16:10
Response time	0.2ms response time
Refresh rate	120Hz
Panel tech	OLED
Brightness	700nits
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 1400
Color depth	1.07 billion colors
Pantone	PANTONE Validated
Surface texture of display	Anti-reflection(AR) display
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 6144-core GPU
Expansion Slot(includes used)	2x M.2 2280 PCIe 5.0x4
On board memory	48GB LPDDR5X on board
Total System Memory	LPDDR5X 48GB
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 Bluetooth® 5.4 (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) 3x USB 4.0 Gen 3 Type-C with support for display / power delivery (data speed up to 40Gbps) 1x HDMI 2.1 FRL 1x 3.5mm Combo Audio Jack 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	TYPE-C, 140W AC Adapter, Output: 28V DC, 5A, 140W, Input: 100~240V AC, 50/60Hz universal, TYPE-C Cable: 240W
Required charging power	Min: 45W Max: 140W *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	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	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	3-Month Google AI Pro Subscription 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, 2028. 3-Month Goodnotes Essential Subscription 6-Month Dropbox 500GB Subscription 1-Year ASUS Secure Auto-Backup 200GB Subscription *Available in eligible markets only. Eligibility varies by region, device, and time. Terms and conditions apply. See promotion pages for details.
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 HDD User Password Protection and Security BIOS Booting User Password Protection Trusted Platform Module (TPM) 2.0
Ecolabels & Compliances	N/A
Reparability Index (for France)	9.5