

Part No	90NB19J1-M000S0
	
Sales Model Name	H7606GP-SR011W
EAN Code	4711636668446
UPC Code	199291668447
WEEE	
BASE UNIT	VSNB19J1-BU2100
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
LED Backlit Unit	
IPS-level	
Response time	0.2ms response time
Refresh rate	120Hz
Panel tech	OLED
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	VESA CERTIFIED Display HDR True Black 500
Display HDR	500
Color depth	1.07 billion colors
Pantone	PANTONE Validated
Surface texture of display	N/A
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
Intergrated GPU	AMD Radeon™ Graphics
Discrete/Share	Discrete
Graphics	NVIDIA® GeForce RTX™ 5070 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	16GB LPDDR5X on board
DIMM Memory	
Total System Memory	LPDDR5X 16GB
How to upgrade memory	
Storage	1TB M.2 NVMe™ PCIe® 4.0 Performance SSD
Front-facing camera	FHD camera with IR function to support Windows Hello
on board Wireless	
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 With Copilot key
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
Voice control	Built-in array microphone
	N/A
Power	Rectangle Conn, 200W AC Adapter,
	Output: 20V DC, 10A, 200W, Input: 100~240V AC, 50/60Hz universal
Charger included	Included
Required charging power	Min: 45W
	Max: 100W
Battery	*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.
	90WHrs, 4S1P, 4-cell Li-ion
Replaceable Battery	No
Weight (without Battery)	1.80 kg (3.97 lbs)
Weight (with Battery)	1.85 kg (4.08 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 feature	MyASUS
	ProArt Creator Hub
	ScreenXpert
	GlideX
	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 *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 Trusted Platform Module (Firmware TPM) Microsoft Pluton security processor
Ecolabels & Compliances	Energy star RoHS REACH
Reparability Index (for France)	9.8
Reparability Index (for BNL)	