

ASUS ProArt P16 H7606WX-SE011X Copilot+ PC AMD Ryzen AI 9 HX 370 Laptop 40.6 cm (16") Touchscreen 4K Ultra HD 64 GB LPDDR5x-SDRAM 4 TB SSD NVIDIA GeForce RTX 5090 Wi-Fi 7 (802.11be) Windows 11 Pro Black



Brand : ASUS

Product family: ProArt

Product code: 90NB17E1-M001Y0

Product name : H7606WX-SE011X

AMD Ryzen AI 9 HX 370 (2GHz), 64GB LPDDR5x-SDRAM, 4000GB SSD, 16" 4K Ultra HD 3840 x 2400 OLED Touch, AMD Radeon 890M, NVIDIA GeForce RTX 5090 (24GB GDDR7), WLAN, Webcam, Windows 11 Pro 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		Audio	
Colour name	Nano Black	Audio system	Smart Amp
Product type *	Laptop	Built-in microphone	✓
Product colour *	Black	Camera	
Form factor *	Clamshell	Front camera	✓
Housing material	Aluminium	Front camera resolution	1920 x 1080 pixels
Display back cover material	Aluminium	Front camera HD type	Full HD
Market positioning	Performance	Infrared (IR) camera	✓
Introduction year	2024	Network	
Display		Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display diagonal *	40.6 cm (16")	Wi-Fi standards	Wi-Fi 7 (802.11be)
Display resolution *	3840 x 2400 pixels	Mobile network connection *	✗
Touchscreen *	✓	Antenna type	2x2
HD type	4K Ultra HD	Ethernet LAN	✗
Panel type	OLED	Bluetooth	✓
Display number of colours	1.07 billion colours	Bluetooth version	5.4
Native aspect ratio	16:10	Ports & interfaces	
Display surface	Gloss	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Maximum display brightness (HDR)	1600 cd/m ²	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
RGB colour space	DCI-P3	USB4 Gen 3x2 ports quantity	1
Colour gamut	100%	HDMI ports quantity *	1
Display response rise/fall	0.2 ms	HDMI version	2.1
Maximum refresh rate	120 Hz	Combo headphone/mic port	✓
Contrast ratio (typical)	1000000:1	USB Type-C DisplayPort Alternate Mode	✓
High Dynamic Range (HDR) supported	✓	Keyboard	
High Dynamic Range (HDR) technology	DisplayHDR True Black 1000	Pointing device	Touchpad + DialPad
Processor			
Processor manufacturer *	AMD		
Processor family *	AMD Ryzen AI 9 HX		

Processor		Keyboard	
Processor generation	AMD Ryzen AI 300 Series	Numeric keypad *	✗
Processor model *	370	Keyboard backlit	✓
Processor cores	12	Copilot key	✓
Processor threads	24	Software	
Processor boost frequency	5.1 GHz	Operating system architecture	64-bit
Processor frequency *	2 GHz	Microsoft Copilot	✓
Processor cache type	L2 & L3	Trial software	1-month trial for new Microsoft 365 customers
L3 cache	24 MB	Operating system installed *	Windows 11 Pro
L2 cache	12 MB	Bundled software	6-month GoPro Premium+ subscription 3-month Adobe Creative Cloud All Apps, Individual subscription (all apps). Activation available from September 15, 2021, to August 31, 2026. Xbox Game Pass Premium_2 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Premium. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Neural processor unit (NPU)			
Copilot+ PC	✓		
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	80 TOPs		
NPU performance up to	50 TOPs		
Memory			
Internal memory *	64 GB		
Internal memory type	LPDDR5x-SDRAM		
Memory form factor	On-board		
Maximum internal memory *	64 GB		
Storage		Battery	
Total storage capacity *	4 TB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	4 TB	Battery capacity *	90 Wh
Number of SSDs installed	2	Power	
SSD capacity	2 TB	AC adapter power	240 W
SSD interface	PCI Express 4.0	AC adapter frequency	50 - 60 Hz
NVMe	✓	AC adapter input voltage	100 - 240 V
SSD form factor	M.2	AC adapter output current	12 A
Optical drive type *	✗	AC adapter output voltage	20 V
Card reader integrated	✓	DC-in jack	✓
Compatible memory cards	SD	USB Type-C charging port *	✓
Graphics		USB Power Delivery (USB PD)	✓
Discrete GPU manufacturer	NVIDIA	Security	
Discrete graphics card model *	NVIDIA GeForce RTX 5090	Face recognition	✓
Discrete graphics card memory	24 GB	Windows Hello	✓
Discrete graphics memory type	GDDR7	Trusted Platform Module (TPM)	✓
On-board graphics card *	✓	Password protection	✓
On-board GPU manufacturer	AMD	Certificates	
Discrete graphics card *	✓	Compliance certificates	REACH
On-board graphics card family	AMD Radeon	Sustainability	
On-board graphics card model *	AMD Radeon 890M	Sustainability certificates	ENERGY STAR
		Weight & dimensions	
		Width	354.9 mm
		Depth	246.9 mm
		Height (front)	1.49 cm
		Height (rear)	1.83 cm
		Weight *	1.95 kg
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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