

# ASUS ProArt P16 H7606WP-RJ087W AMD Ryzen AI 9 HX 370 Laptop 40.6 cm (16") Touchscreen 3K 64 GB LPDDR5x-SDRAM 4 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 7 (802.11be) Windows 11 Home Black

**Brand :** ASUS

**Product family:** ProArt

**Product code:** 90NB15K1-M00600

**Product name :** H7606WP-RJ087W

AMD Ryzen AI 9 HX 370 (24MB Cache, 2GHz), 64GB LPDDR5x-SDRAM, 4000GB SSD, 40.6 cm (16") 3K 2880 x 1800 OLED Touch, AMD Radeon 890M, NVIDIA GeForce RTX 5070 (8GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit

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## Creativity Unrivaled, Anywhere

Meet ProArt P16 – your ultimate creative companion for the studio and on the move. Its OLED touchscreen ensures precise colour accuracy for flawless proofing, while versatile I/O ports seamlessly connect all your peripherals. This NVIDIA® Studio-validated laptop packs a GeForce RTX™ 50 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.



FREE trial of creator apps



Design		Audio	
Colour name	Nano Black	Speakers manufacturer	Harman Kardon
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
Market positioning	Performance	Front camera HD type	Full HD
Introduction year	2024	Infrared (IR) camera	✓
Display		Network	
Display diagonal *	40.6 cm (16")	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display resolution *	2880 x 1800 pixels	Wi-Fi standards	Wi-Fi 7 (802.11be)
Touchscreen *	✓	Mobile network connection *	✗
HD type	3K	Antenna type	2x2
Panel type	OLED	Ethernet LAN	✗
Display number of colours	1.07 billion colours	Bluetooth	✓
Native aspect ratio	16:10	Bluetooth version	5.4
Display surface	Gloss	Ports & interfaces	
Display brightness	400 cd/m²	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Maximum display brightness (HDR)	500 cd/m²	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
Low Blue Light technology	✓	HDMI version	2.1
Display response rise/fall	0.2 ms	Combo headphone/mic port	✓
Maximum refresh rate	120 Hz	USB Type-C DisplayPort Alternate Mode	✓
Contrast ratio (typical)	1000000:1		
High Dynamic Range (HDR) supported	✓		
High Dynamic Range (HDR) technology	DisplayHDR True Black 500		

Processor		Keyboard	
Processor manufacturer *	AMD	Pointing device	Touchpad + DialPad
Processor family *	AMD Ryzen AI 9 HX	Numeric keypad *	✗
Processor generation	AMD Ryzen AI 300 Series	Keyboard backlit	✓
Processor model *	370	Copilot key	✓
Processor cores	12	Software	
Processor threads	24	Operating system architecture	64-bit
Processor boost frequency	5.1 GHz	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.
Processor frequency *	2 GHz		
Processor cache	24 MB		
Processor cache type	L2 & L3	Operating system installed *	Windows 11 Home
Neural processor unit (NPU)		Bundled software	Three-Month Membership of Adobe Creative Cloud All Apps, Individual. The redemption duration from September 15, 2021 to August 31, 2025.
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	80 TOPs		
NPU performance up to	50 TOPs	Microsoft Copilot	
Memory		Copilot+ PC	✓
Internal memory *	64 GB	Battery	
Internal memory type	LPDDR5x-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	On-board	Number of battery cells	4
Maximum internal memory *	64 GB	Battery capacity *	90 Wh
Storage		Removable battery	✗
Total storage capacity *	4 TB	Power	
Storage media *	SSD	AC adapter power	200 W
Total SSDs capacity	4 TB	AC adapter frequency	50 - 60 Hz
Number of SSDs installed	2	AC adapter input voltage	100 - 240 V
SSD capacity	2 TB	AC adapter output current	10 A
SSD interface	PCI Express 4.0	AC adapter output voltage	20 V
NVMe	✓	DC-in jack	✓
SSD form factor	M.2	USB Type-C charging port *	✓
Optical drive type *	✗	USB Power Delivery (USB PD)	✓
Card reader integrated	✓	Security	
Compatible memory cards	SD	Face recognition	✓
Graphics		Windows Hello	✓
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 5070	Password protection	✓
Discrete graphics card memory	8 GB	Certificates	
Discrete graphics memory type	GDDR6	Compliance certificates	REACH
On-board graphics card *	✓	Sustainability	
On-board GPU manufacturer	AMD	Sustainability certificates	ENERGY STAR
Discrete graphics card *	✓	Weight & dimensions	
On-board graphics card family	AMD Radeon	Width	354.9 mm
On-board graphics card model *	AMD Radeon 890M	Depth	246.9 mm
Audio		Height (front)	1.49 cm
Audio system	Smart Amp	Height (rear)	1.73 cm
		Weight *	1.85 kg
		Packaging content	
		AC adapter included *	✓
		Logistics data	
		Commodity Classification Automated Tracking System (CCATS)	8471300000



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