

**ASUS ProArt P16 H7606WP-RJ089W AMD Ryzen AI 9 HX 370 Laptop 40.6 cm (16") Touchscreen 3K 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 7 (802.11be) Windows 11 Home Black**



**Brand :** ASUS

**Product family:** ProArt

**Product code:** 90NB15K1-M00620

**Product name :** H7606WP-RJ089W

AMD Ryzen AI 9 HX 370 (36MB Cache, 2GHz), 32GB LPDDR5x-SDRAM, 1000GB 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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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	Speakers manufacturer	Harman Kardon
Product colour *	Black	Built-in microphone	✓
Form factor *	Clamshell	Camera	
Housing material	Aluminium	Front camera	✓
Country of origin	China	Front camera HD type	Full HD
Stylus pen support	✓	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	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
Maximum refresh rate	120 Hz	HDMI version	2.1
Contrast ratio (typical)	1000000:1	Combo headphone/mic port	✓
High Dynamic Range (HDR) supported	✓	USB Type-C DisplayPort Alternate Mode	✓
High Dynamic Range (HDR) technology	DisplayHDR True Black 500	Keyboard	
Processor		Pointing device	Touchpad + DialPad
Processor manufacturer *	AMD	Numeric keypad *	✗
Processor family *	AMD Ryzen AI 9 HX	Keyboard backlit	✓
Processor model *	370		
Processor cores	12		
Processor threads	24		

Processor		Software	
Processor boost frequency	5.1 GHz	Operating system architecture	64-bit
Processor frequency *	2 GHz	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Processor cache	36 MB	Operating system installed *	Windows 11 Home
Processor cache type	L2 & L3		
Neural processor unit (NPU)		Battery	
Neural processor unit (NPU)	AMD Ryzen AI	Battery technology	Lithium-Ion (Li-Ion)
Total processor performance up to	80 TOPs	Number of battery cells	4
NPU performance up to	50 TOPs	Battery capacity *	90 Wh
Memory		Power	
Internal memory *	32 GB	AC adapter power	200 W
Internal memory type	LPDDR5x-SDRAM	AC adapter frequency	50 - 60 Hz
Memory form factor	On-board	AC adapter input voltage	100 - 240 V
Maximum internal memory *	32 GB	AC adapter output current	10 A
		AC adapter output voltage	20 V
Storage		USB Type-C charging port *	✓
Total storage capacity *	1 TB	USB Power Delivery (USB PD)	✓
Storage media *	SSD		
Total SSDs capacity	1 TB	Security	
Number of SSDs installed	1	Windows Hello	✓
SSD capacity	1 TB	Trusted Platform Module (TPM)	✓
SSD interface	PCI Express 4.0		
NVMe	✓	Certificates	
SSD form factor	M.2	Compliance certificates	REACH
Optical drive type *	✗	Sustainability	
Card reader integrated	✓	Sustainability certificates	ENERGY STAR
Compatible memory cards	SD	Weight & dimensions	
Graphics		Width	354.9 mm
Discrete GPU manufacturer	NVIDIA	Depth	246.9 mm
Discrete graphics card model *	NVIDIA GeForce RTX 5070	Height (front)	1.49 cm
Discrete graphics card memory	8 GB	Height (rear)	1.73 cm
Discrete graphics memory type	GDDR6	Weight *	1.85 kg
On-board graphics card *	✓	Packaging data	
On-board GPU manufacturer	AMD	Package width	80 mm
Discrete graphics card *	✓	Package depth	430 mm
On-board graphics card family	AMD Radeon	Package height	284 mm
On-board graphics card model *	AMD Radeon 890M	Package weight	3.97 kg
		Packaging content	
		AC adapter included *	✓
		Logistics data	
		Commodity Classification Automated Tracking System (CCATS)	8471300000



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