

# ASUS ProArt P16 H7606WI-ME025W AMD Ryzen AI 9 HX 370 Laptop 40.6 cm (16") Touchscreen WQUXGA 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 7 (802.11be) Windows 11 Home Black



**Brand :** ASUS

**Product family:** ProArt

**Product code:** 90NB1421-M00170

**Product name :** H7606WI-ME025W

AMD Ryzen AI 9 HX 370 (36MB Cache, 2GHz), 32GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") WQUXGA 3840 x 2400 OLED Touch, AMD Radeon 890M, NVIDIA GeForce RTX 4070 (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		Graphics	
Colour name	Nano Black	On-board graphics card family	AMD Radeon
Product type *	Laptop	On-board graphics card model *	AMD Radeon 890M
Product colour *	Black	<b>Audio</b>	
Form factor *	Clamshell	Audio system	Smart Amp
Housing material	Aluminium	Speakers manufacturer	Harman Kardon
Country of origin	China	Built-in microphone	✓
<b>Display</b>		<b>Camera</b>	
Display diagonal *	40.6 cm (16")	Front camera	✓
Display resolution *	3840 x 2400 pixels	Front camera HD type	Full HD
Touchscreen *	✓	Infrared (IR) camera	✓
HD type	WQUXGA	<b>Network</b>	
Panel type	OLED	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Native aspect ratio	16:10	Wi-Fi standards	Wi-Fi 7 (802.11be)
Display surface	Gloss	Mobile network connection *	✗
Display brightness	400 cd/m <sup>2</sup>	Antenna type	2x2
Maximum display brightness (HDR)	500 cd/m <sup>2</sup>	Ethernet LAN	✗
RGB colour space	DCI-P3	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.4
Display response rise/fall	0.2 ms	<b>Ports &amp; interfaces</b>	
Maximum refresh rate	60 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Display number of colours	1.073 billion colours	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Contrast ratio (typical)	1000000:1	USB4 Gen 3x2 ports quantity	1
High Dynamic Range (HDR) supported	✓	HDMI ports quantity *	1
High Dynamic Range (HDR) technology	DisplayHDR True Black 500	HDMI version	2.1
<b>Processor</b>		Combo headphone/mic port	✓
Processor manufacturer *	AMD	Charging port type	DC-in jack
Processor family *	AMD Ryzen AI 9 HX	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	AMD Ryzen AI 300		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Processor model *	370	USB Power Delivery	✓
Processor cores	12	<b>Keyboard</b>	
Processor threads	24	Pointing device	DialPad
Processor boost frequency	5.1 GHz	Numeric keypad *	✗
Processor frequency *	2 GHz	Keyboard backlit	✓
Processor cache	36 MB	<b>Software</b>	
Processor cache type	L2 & L3	Operating system architecture	64-bit
<b>Neural processor unit (NPU)</b>			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.
Neural processor unit (NPU)	AMD Ryzen AI	Trial software	
Total processor performance up to	80 TOPs	Operating system installed *	Windows 11 Home
NPU performance up to	50 TOPs	<b>Battery</b>	
<b>Memory</b>		Battery technology	Lithium-Ion (Li-Ion)
Internal memory *	32 GB	Number of battery cells	4
Internal memory type	LPDDR5x-SDRAM	Battery capacity *	90 Wh
Memory form factor	On-board	<b>Power</b>	
Maximum internal memory *	32 GB	AC adapter power	200 W
<b>Storage</b>		AC adapter frequency	50 - 60 Hz
Total storage capacity *	1 TB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	AC adapter output current	10 A
Total SSDs capacity	1 TB	AC adapter output voltage	20 V
Number of SSDs installed	1	<b>Security</b>	
SSD capacity	1 TB	Face recognition	✓
SSD interface	PCI Express 4.0	Windows Hello	✓
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Password protection	✓
Optical drive type *	✗	<b>Certificates</b>	
Card reader integrated	✓	Compliance certificates	REACH
Compatible memory cards	SD	<b>Sustainability</b>	
<b>Graphics</b>		Sustainability certificates	ENERGY STAR
Discrete GPU manufacturer	NVIDIA	<b>Weight &amp; dimensions</b>	
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Width	354.9 mm
Discrete graphics card memory	8 GB	Depth	246.9 mm
Discrete graphics memory type	GDDR6	Height (front)	1.49 cm
On-board graphics card *	✓	Height (rear)	1.73 cm
On-board GPU manufacturer	AMD	Weight *	1.85 kg
Discrete graphics card *	✓	<b>Packaging content</b>	
		Stylus pen	✓
		<b>Logistics data</b>	
		Commodity Classification Automated Tracking System (CCATS)	8471300000



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