

ASUS ProArt P16 H7606WX-SE008X Copilot+ PC AMD Ryzen AI 9 HX 370 Laptop 40.6 cm (16") Touchscreen WQUXGA 64 GB LPDDR5x-SDRAM 2 TB SSD NVIDIA® GeForce RTX™ 5090 Laptop GPU Wi-Fi 7 (802.11be) Windows 11 Pro Black QWERTZ German



Brand : ASUS

Product family: ProArt

Product code: 90NB17E1-M001N0

Product name : H7606WX-SE008X Copilot+ PC

AMD Ryzen AI 9 HX 370 (2GHz), 64GB LPDDR5x-SDRAM, 2000GB SSD, 40.6 cm (16") WQUXGA 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		Network	
Colour name	3K, Nano Black	Wi-Fi	✔
Product type *	Laptop	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Product colour *	Black	Wi-Fi standards	Wi-Fi 7 (802.11be)
Form factor *	Clamshell	Mobile network connection *	✘
Housing material	Aluminium	Antenna type	2x2
Market positioning	Performance	Ethernet LAN	✘
Introduction year	2024	Bluetooth	✔
Display		Bluetooth version	5.4
Display diagonal *	40.6 cm (16")	Ports & interfaces	
Display resolution *	3840 x 2400 pixels	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Touchscreen *	✔	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HD type	WQUXGA	USB4 Gen 3x2 ports quantity	1
Panel type	OLED	HDMI ports quantity *	1
Display number of colours	1.07 billion colours	HDMI version	2.1
Native aspect ratio	16:10	Combo headphone/mic port	✔
Display surface	Gloss	I/O ports	1x USB 4.0 Gen 3 Type-C with support for display / power delivery (data speed up to 40Gbps) 1x USB 3.2 Gen 2 Type-C with support for display / power delivery (data speed up to 10Gbps) 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
Display brightness	700 cd/m²		
Maximum display brightness (HDR)	1000 cd/m²		
RGB colour space	DCI-P3		
Colour gamut	100%		
Display response rise/fall	0.2 ms		
Maximum refresh rate	120 Hz		
Contrast ratio (typical)	1000000:1		
High Dynamic Range (HDR) supported	✔		
Processor			
Processor manufacturer *	AMD	USB Type-C DisplayPort Alternate Mode	✔
Processor family *	AMD Ryzen AI 9 HX		
Processor generation	AMD Ryzen AI 300 Series		

Processor		Keyboard		
Processor model *	370	Pointing device	Touchpad	
Processor cores	12	Numeric keypad *	✗	
Processor threads	24	Keyboard backlit	✓	
Processor boost frequency	5.1 GHz	Keyboard layout	QWERTZ	
Processor frequency *	2 GHz	Keyboard language	German	
Processor cache type	L2 & L3	Copilot key	✓	
L3 cache	24 MB	Software		
L2 cache	12 MB	Operating system architecture	64-bit	
Neural processor unit (NPU)		Microsoft Copilot	✓	
Copilot+ PC	✓	Pre-installed software	StoryCube	
Neural processor unit (NPU)	AMD Ryzen AI		MuseTree	
Total processor performance up to	80 TOPs		CapCut	
NPU performance up to	50 TOPs		ASUS Recovery	
Memory			MyASUS	
Internal memory *	64 GB	ProArt Creator Hub	1-month trial for new Microsoft 365 customers. Credit card required.	
Internal memory type	LPDDR5x-SDRAM	ScreenXpert		
Memory form factor	On-board	GlideX		
Maximum internal memory *	64 GB	Operating system installed *		Windows 11 Pro
Storage		Bundled software		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.)
Total storage capacity *	2 TB			
Storage media *	SSD			
Total SSDs capacity	2 TB			
Number of SSDs installed	1			
SSD capacity	2 TB	Battery		
SSD interface	PCI Express 4.0	Battery technology	Lithium-Ion (Li-Ion)	
NVMe	✓	Number of battery cells	4	
SSD form factor	M.2	Battery capacity *	90 Wh	
Optical drive type *	✗	Power		
Card reader integrated	✓	AC adapter power	240 W	
Compatible memory cards	SD	AC adapter frequency	50/60 Hz	
Graphics		AC adapter input voltage	100 - 240 V	
Discrete GPU manufacturer	NVIDIA	AC adapter output current	12 A	
Discrete graphics card model *	NVIDIA® GeForce RTX™ 5090 Laptop GPU	AC adapter output voltage	20 V	
Discrete graphics card memory	24 GB	DC-in jack	✓	
Discrete graphics memory type	GDDR7	USB Type-C charging port *	✓	
On-board graphics card *	✓	USB Power Delivery (USB PD)	✓	
On-board GPU manufacturer	AMD	Security		
Discrete graphics card *	✓	Face recognition	✓	
On-board graphics card family	AMD Radeon	Windows Hello	✓	
On-board graphics card model *	AMD Radeon Graphics	Trusted Platform Module (TPM)	✓	
Audio		Password protection	✓	
Audio system	Smart Amp	Certificates		
Speakers manufacturer	Harman Kardon	Compliance certificates	RoHS, REACH	
Built-in microphone	✓	Certification	US MIL-STD 810H	
Camera		Sustainability		
Front camera	✓	Sustainability certificates	ENERGY STAR	
Front camera resolution	1920 x 1080 pixels	Weight & dimensions		
Front camera HD type	Full HD	Width	354.9 mm	
Infrared (IR) camera	✓	Depth	246.9 mm	
		Height (front)	1.49 cm	
		Height (rear)	1.83 cm	
		Weight *	1.95 kg	
		Packaging data		
		Package width	568 mm	

Packaging data	
Package depth	98 mm
Package height	345 mm
Package weight	2.23 kg
Packaging content	
AC adapter included *	✓
Accessories included	* Included accessories vary according to country and territory. Please check with your local ASUS retailer for details.
Other features	
Expansion slots	1x M.2 2280 PCIe 4.0x4 + 1x M.2 2280 PCIe 4.0x2



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Catalog Object Cloud



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