

ASUS ProArt P16 H7606WX-SE001W Copilot+ PC Laptop 40.6 cm (16") Touchscreen WQUXGA 64 GB LPDDR5x-SDRAM 4 TB SSD NVIDIA GeForce RTX 5090 Wi-Fi 7 (802.11be) Windows 11 Home Black



Brand : ASUS

Product family: ProArt

Product code: 90NB17E1-M00010

Product name : H7606WX-SE001W

AMD Ryzen AI 9 HX 370 (2GHz), 64GB LPDDR5x-SDRAM, 4000GB SSD, (16") WQUXGA 3840 x 2400, AMD Radeon 890M, NVIDIA GeForce RTX 5090 (24GB GDDR7), WLAN, Webcam, Windows 11 Home 64-bit

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Master Your Creative Workflow

Unleash your creative potential with ProArt P16, the ultimate creator laptop built for studio and on-the-go production. Powered by the AMD Ryzen™ AI 9 HX 370 processor with a 50 TOPS NPU and up to GeForce RTX™ 5090 Laptop GPU, it delivers unmatched performance for demanding workflows. The ASUS Lumina Pro OLED display offers stunning color accuracy, visual clarity, seamless motion and eye care for exceptional visuals. With Copilot+ PC capabilities, NVIDIA® RTX AI acceleration, and exclusive ASUS AI tools like StoryCube and MuseTree, ProArt P16 empowers you to create smarter, faster, and more intuitively than ever.

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	Audio	
Form factor *	Clamshell	Built-in microphone	✓
Display		Camera	
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	Network	
Panel type	OLED	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display number of colours	1.07 billion colours	Wi-Fi standards	Wi-Fi 7 (802.11be)
Native aspect ratio	16:10	Mobile network connection *	✗
Anti-glare screen	✓	Antenna type	2x2
Maximum display brightness (HDR)	1600 cd/m²	Bluetooth	✓
RGB colour space	DCI-P3	Bluetooth version	5.4
Colour gamut	100%	Ports & interfaces	
Maximum refresh rate	120 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Contrast ratio (typical)	1000000:1	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor		USB4 Gen 3x2 ports quantity	1
Processor cores	12	HDMI ports quantity *	1
Processor threads	24	HDMI version	2.1
Processor boost frequency	5.1 GHz	Combo headphone/mic port	✓
Processor frequency *	2 GHz	USB Type-C DisplayPort Alternate Mode	✓
Processor cache type	L2 & L3	Software	
L3 cache	24 MB	Operating system architecture	64-bit
L2 cache	12 MB	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
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		Software	
Internal memory *	64 GB	Operating system installed *	Windows 11 Home
Internal memory type	LPDDR5x-SDRAM		6-Month GoPro Premium+ Subscription 3-Month Membership of Adobe Creative Cloud All Apps, Individual. The redemption duration from September 15, 2021 to August 31, 2026.
Memory form factor	On-board		
Maximum internal memory *	64 GB		
Storage		Bundled software	
Total storage capacity *	4 TB	Battery	
Storage media *	SSD	Battery technology	Lithium-Ion (Li-Ion)
Total SSDs capacity	4 TB	Number of battery cells	4
Number of SSDs installed	2	Battery capacity *	90 Wh
SSD capacity	2 TB	Power	
SSD interface	PCI Express 4.0	AC adapter power	240 W
NVMe	✓	AC adapter frequency	50 - 60 Hz
SSD form factor	M.2	AC adapter input voltage	100 - 240 V
M.2 SSD size	2280 (22 x 80 mm)	AC adapter output current	12 A
Optical drive type *	✗	AC adapter output voltage	20 V
Card reader integrated	✓	Security	
Compatible memory cards	SD	Windows Hello	✓
Graphics		Trusted Platform Module (TPM)	✓
Discrete GPU manufacturer	NVIDIA	Certificates	
Discrete graphics card model *	NVIDIA GeForce RTX 5090	Compliance certificates	REACH
Discrete graphics card memory	24 GB	Sustainability	
Discrete graphics memory type	GDDR7	Sustainability certificates	ENERGY STAR
On-board graphics card *	✓	Weight & dimensions	
On-board GPU manufacturer	AMD	Width	354.9 mm
Discrete graphics card *	✓	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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