

ASUS ProArt P16 H7606WR-SE004W Copilot+ PC AMD Ryzen AI 9 HX 370 Laptop 40.6 cm (16") Touchscreen WQUXGA 32 GB LPDDR5x-SDRAM 2 TB SSD NVIDIA GeForce RTX 5070 Ti Wi-Fi 7 (802.11be) Windows 11 Home Black



Brand : ASUS

Product family: ProArt

Product code: 90NB17D1-M00090

Product name : H7606WR-SE004W

AMD Ryzen AI 9 HX 370 (2GHz), 32GB LPDDR5x-SDRAM, 2000GB SSD, 40.6 cm (16") WQUXGA 3840 x 2400 OLED Touch, AMD Radeon 890M, NVIDIA GeForce RTX 5070 Ti (12GB GDDR7), 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™ 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.

Design		Camera	
Colour name	Nano Black	Front camera HD type	Full HD
Product type *	Laptop	Infrared (IR) camera	✓
Product colour *	Black	Network	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Housing material	Aluminium	Wi-Fi standards	Wi-Fi 7 (802.11be)
Country of origin	China	Mobile network connection *	✗
Display		Antenna type	2x2
Display diagonal *	40.6 cm (16")	Bluetooth	✓
Display resolution *	3840 x 2400 pixels	Bluetooth version	5.4
Touchscreen *	✓	Ports & interfaces	
HD type	WQUXGA	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Panel type	OLED	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display number of colours	1.07 billion colours	USB4 Gen 3x2 ports quantity	1
Native aspect ratio	16:10	HDMI ports quantity *	1
Anti-glare screen	✓	HDMI version	2.1
Maximum display brightness (HDR)	1600 cd/m²	Combo headphone/mic port	✓
RGB colour space	DCI-P3	USB Type-C DisplayPort Alternate Mode	✓
Colour gamut	100%	Performance	
Low Blue Light technology	✓	Repairability index	9.4
Maximum refresh rate	120 Hz	Keyboard	
Contrast ratio (typical)	1000000:1	Pointing device	Touchpad + DialPad
High Dynamic Range (HDR) supported	✓	Numeric keypad *	✗
High Dynamic Range (HDR) technology	DisplayHDR True Black 1000	Keyboard backlit	✓
Processor		Copilot key	✓
Processor manufacturer *	AMD		
Processor family *	AMD Ryzen AI 9 HX		
Processor generation	AMD Ryzen AI 300 Series		

Processor		Software	
Processor model *	370	Operating system architecture	64-bit
Processor cores	12	Microsoft Copilot	✓
Processor threads	24	Copilot+ PC	✓
Processor boost frequency	5.1 GHz	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Processor frequency *	2 GHz	Operating system installed *	Windows 11 Home
Processor cache type	L2 & L3	Bundled software	Three-Month Membership of Adobe Creative Cloud All Apps, Individual. The redemption duration from September 15, 2021 to August 31, 2025.
L3 cache	24 MB		
L2 cache	12 MB		
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	240 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	12 A
Storage		AC adapter output voltage	20 V
Total storage capacity *	2 TB	DC-in jack	✓
Storage media *	SSD	USB Type-C charging port *	✓
Total SSDs capacity	2 TB	USB Type-C required charging power (min) *	45 W
Number of SSDs installed	1	USB Type-C required charging power (max) *	100 W
SSD capacity	2 TB	USB Power Delivery (USB PD)	✓
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Windows Hello	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
M.2 SSD size	2280 (22 x 80 mm)	Certificates	
Optical drive type *	✗	Compliance certificates	REACH
Card reader integrated	✓	Sustainability	
Compatible memory cards	SD	Sustainability certificates	ENERGY STAR
Graphics		Weight & dimensions	
Discrete GPU manufacturer	NVIDIA	Width	354.9 mm
Discrete graphics card model *	NVIDIA GeForce RTX 5070 Ti	Depth	246.9 mm
Discrete graphics card memory	12 GB	Height (front)	1.49 cm
Discrete graphics memory type	GDDR7	Height (rear)	1.83 cm
On-board graphics card *	✓	Weight *	1.95 kg
On-board GPU manufacturer	AMD	Packaging data	
Discrete graphics card *	✓	Package width	488 mm
On-board graphics card family	AMD Radeon	Package depth	65 mm
On-board graphics card model *	AMD Radeon 890M	Package height	310 mm
Audio		Package weight	6.22 kg
Audio system	Smart Amp	Packaging content	
Built-in microphone	✓	AC adapter included *	✓
Camera		Logistics data	
Front camera	✓	Commodity Classification Automated Tracking System (CCATS)	8471300000



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Catalog Object Cloud



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