

ASUS ProArt P16 H7606WW-SE006W 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 5080 Wi-Fi 7 (802.11be) Windows 11 Home Black

Brand : ASUS

Product family: ProArt

Product code: 90NB17F1-M000A0

Product name : H7606WW-SE006W



H7606WW

ASUS ProArt P16 H7606WW-SE006W 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 5080 Wi-Fi 7 (802.11be) Windows 11 Home Black:

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.

FREE subscription trial of creator apps



Design		Camera	
Colour name	Nano Black	Front camera	✓
Product type *	Laptop	Front camera HD type	Full HD
Product colour *	Black	Infrared (IR) camera	✓
Form factor *	Clamshell	Network	
Housing material	Aluminium	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Country of origin	China	Wi-Fi standards	Wi-Fi 7 (802.11be)
Display		Mobile network connection *	✗
Display diagonal *	40.6 cm (16")	Antenna type	2x2
Display resolution *	3840 x 2400 pixels	Bluetooth	✓
Touchscreen *	✓	Bluetooth version	5.4
HD type	WQUXGA	Ports & interfaces	
Panel type	OLED	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Display number of colours	1.07 billion colours	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Native aspect ratio	16:10	USB4 Gen 3x2 ports quantity	1
Anti-glare screen	✓	HDMI ports quantity *	1
Maximum display brightness (HDR)	1600 cd/m ²	HDMI version	2.1
RGB colour space	DCI-P3	Combo headphone/mic port	✓
Colour gamut	100%	USB Type-C DisplayPort Alternate Mode	✓
Low Blue Light technology	✓	Performance	
Maximum refresh rate	120 Hz	Repairability index	9.6
Contrast ratio (typical)	1000000:1	Keyboard	
High Dynamic Range (HDR) supported	✓	Pointing device	Touchpad + DialPad
High Dynamic Range (HDR) technology	DisplayHDR True Black 1000	Numeric keypad *	✗
Processor		Keyboard backlit	✓
Processor manufacturer *	AMD		
Processor family *	AMD Ryzen AI 9 HX		

Processor		Keyboard	
Processor generation	AMD Ryzen AI 300 Series	Copilot key	✓
Processor model *	370	Software	
Processor cores	12	Operating system architecture	64-bit
Processor threads	24	Microsoft Copilot	✓
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	Battery	
Neural processor unit (NPU)		Battery technology	Lithium-Ion (Li-Ion)
Copilot+ PC	✓	Number of battery cells	4
Neural processor unit (NPU)	AMD Ryzen AI	Battery capacity *	90 Wh
Total processor performance up to	80 TOPs	Power	
NPU performance up to	50 TOPs	AC adapter power	240 W
Memory		AC adapter frequency	50 - 60 Hz
Internal memory *	64 GB	AC adapter input voltage	100 - 240 V
Internal memory type	LPDDR5x-SDRAM	AC adapter output current	12 A
Memory form factor	On-board	AC adapter output voltage	20 V
Maximum internal memory *	64 GB	DC-in jack	✓
Storage		USB Type-C charging port *	✓
Total storage capacity *	2 TB	USB Type-C required charging power (min) *	45 W
Storage media *	SSD	USB Type-C required charging power (max) *	100 W
Total SSDs capacity	2 TB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	Security	
SSD capacity	2 TB	Windows Hello	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Certificates	
SSD form factor	M.2	Compliance certificates	REACH
M.2 SSD size	2280 (22 x 80 mm)	Sustainability	
Optical drive type *	✗	Sustainability certificates	ENERGY STAR
Card reader integrated	✓	Weight & dimensions	
Compatible memory cards	SD	Width	354.9 mm
Graphics		Depth	246.9 mm
Discrete GPU manufacturer	NVIDIA	Height (front)	1.49 cm
Discrete graphics card model *	NVIDIA GeForce RTX 5080	Height (rear)	1.83 cm
Discrete graphics card memory	16 GB	Weight *	1.95 kg
Discrete graphics memory type	GDDR7	Packaging data	
On-board graphics card *	✓	Package width	488 mm
On-board GPU manufacturer	AMD	Package depth	65 mm
Discrete graphics card *	✓	Package height	310 mm
On-board graphics card family	AMD Radeon	Package weight	6.22 kg
On-board graphics card model *	AMD Radeon 890M	Packaging content	
Audio		AC adapter included *	✓
Audio system	Smart Amp	Logistics data	
Built-in microphone	✓	Commodity Classification Automated Tracking System (CCATS)	8471300000



4711636222556



0199291222557



199291222557

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.