ASUS ProArt P16 H7606WP-RJ075X Copilot+ PC AMD Ryzen AI 9 HX 370 Laptop 40.6 cm (16") Touchscreen 3K 64 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 7 (802.11be) Windows 11 Pro Black AZERTY Belgian





Brand : ASUS

Product family: ProArt

Product code: 90NB15K1-M005K0

Product name : H7606WP-RJ075X

AMD Ryzen AI 9 HX 370 (24MB Cache, 2GHz), 64GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") 3K 2880 x 1800 OLED Touch, AMD Radeon 890M, NVIDIA GeForce RTX 5070 (8GB GDDR6), 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™ 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	
Colour name	Nano Black
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Housing material	Aluminium
Market positioning	Performance
Introduction year	2024

Display	
Display diagonal *	40.6 cm (16")
Display resolution *	2880 x 1800 pixels
Touchscreen *	✔
HD type	3K
Panel type	OLED
Display number of colours	1.07 billion colours
Native aspect ratio	16:10
Display surface	Gloss
Display brightness	400 cd/m²
Maximum display brightness (HDR)	500 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	✔
High Dynamic Range (HDR) technology	DisplayHDR True Black 500

Processor	
Processor manufacturer *	AMD
Processor family *	AMD Ryzen AI 9 HX

Camera	
Front camera	✔
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Infrared (IR) camera	✔

Network	
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)
Mobile network connection *	✘
Antenna type	2x2
Ethernet LAN	✘
Bluetooth	✔
Bluetooth version	5.4

Ports & interfaces	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
USB4 Gen 3x2 ports quantity	1
HDMI ports quantity *	1
HDMI version	2.1
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Performance	
Repairability index	8.4

Keyboard	
Pointing device	Touchpad + DialPad
Numeric keypad *	✘

Processor	
Processor generation	AMD Ryzen AI 300 Series
Processor model *	370
Processor cores	12
Processor threads	24
Processor boost frequency	5.1 GHz
Processor frequency *	2 GHz
Processor cache	24 MB
Processor cache type	L2 & L3

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	
Internal memory *	64 GB
Internal memory type	LPDDR5x-SDRAM
Memory form factor	On-board
Maximum internal memory *	64 GB

Storage	
Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	SD

Graphics	
Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 5070
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
On-board GPU manufacturer	AMD
Discrete graphics card *	✔
On-board graphics card family	AMD Radeon
On-board graphics card model *	AMD Radeon 890M

Audio	
Audio system	Smart Amp
Speakers manufacturer	Harman Kardon
Built-in microphone	✔

Keyboard	
Keyboard backlit	✔
Keyboard layout	AZERTY
Keyboard language	Belgian
Copilot key	✔

Software	
Operating system architecture	64-bit
Microsoft Copilot	✔
Trial software	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.
Operating system installed *	Windows 11 Pro
Bundled software	Three-Month Membership of Adobe Creative Cloud All Apps, Individual. The redemption duration from September 15, 2021 to August 31, 2025.

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	90 Wh
Removable battery	✘

Power	
AC adapter power	200 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	10 A
AC adapter output voltage	20 V
DC-in jack	✔
USB Type-C charging port *	✔
USB Type-C required charging power (min) *	45 W
USB Type-C required charging power (max) *	100 W
USB Power Delivery (USB PD)	✔

Security	
Face recognition	✔
Windows Hello	✔
Trusted Platform Module (TPM)	✔
Password protection	✔

Certificates	
Compliance certificates	REACH

Sustainability	
Sustainability certificates	ENERGY STAR

Weight & dimensions	
Width	354.9 mm
Depth	246.9 mm
Height (front)	1.49 cm
Height (rear)	1.73 cm
Weight *	1.85 kg

Packaging content	
AC adapter included *	✔

Logistics data	
Commodity Classification Automated Tracking System (CCATS)	8471300000

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Catalog Object Cloud

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