

**ASUS ProArt P16 H7606WP-ME022W laptop AMD Ryzen AI 9 370
40.6 cm (16") Touchscreen 4K Ultra HD 64 GB LPDDR5x-SDRAM 2
TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 7 (802.11be) Windows 11
Home Black**

Brand : ASUS

Product family: ProArt

Product code: H7606WP-
ME022W

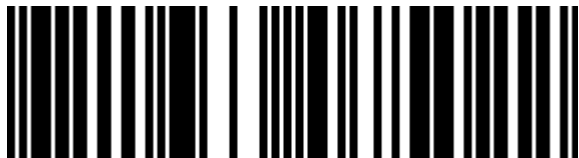
Product name : H7606WP-
ME022W



ASUS ProArt P16 H7606WP-ME022W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen AI 9, Processor model: 370, Processor frequency: 2 GHz. Display diagonal: 40.6 cm (16"), HD type: 4K Ultra HD, Display resolution: 3840 x 2400 pixels, Touchscreen. Internal memory: 64 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. Operating system installed: Windows 11 Home. Product colour: Black

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	Audio system	Smart Amp
Housing material	Aluminium	Speakers manufacturer	Harman Kardon
Market positioning	Performance	Camera	
Introduction year	2024	Front camera	✓
Display		Front camera resolution	1920 x 1080 pixels
Display diagonal *	40.6 cm (16")	Front camera HD type	Full HD
Display resolution *	3840 x 2400 pixels	Infrared (IR) camera	✓
Touchscreen *	✓	Network	
HD type	4K Ultra HD	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Panel type	OLED	Wi-Fi standards	Wi-Fi 7 (802.11be)
Display number of colours	1.07 billion colours	Mobile network connection *	✗
Native aspect ratio	16:10	Antenna type	2x2
Display surface	Gloss	Ethernet LAN	✗
Display brightness	400 cd/m ²	Bluetooth	✓
Maximum display brightness (HDR)	500 cd/m ²	Bluetooth version	5.4
RGB colour space	DCI-P3	Ports & interfaces	
Colour gamut	100%	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Maximum refresh rate	60 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Contrast ratio (typical)	1000000:1	USB4 Gen 3x2 ports quantity	1
High Dynamic Range (HDR) supported	✓	HDMI ports quantity *	1
High Dynamic Range (HDR) technology	DisplayHDR True Black 500	HDMI version	2.1
Processor		Combo headphone/mic port	✓
Processor manufacturer *	AMD		

Processor		Ports & interfaces	
Processor family *	AMD Ryzen AI 9	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	AMD Ryzen AI 300 Series	Keyboard	
Processor model *	370	Pointing device	Touchpad + DialPad
Processor cores	12	Numeric keypad *	✗
Processor threads	24	Keyboard backlit	✓
Processor boost frequency	5.1 GHz	Copilot key	✓
Processor frequency *	2 GHz	Software	
Processor cache	24 MB	Operating system architecture	64-bit
Processor cache type	L3	Operating system installed *	Windows 11 Home
Neural processor unit (NPU)		Microsoft Copilot	✓
Neural processor unit (NPU)	AMD Ryzen AI	Copilot+ PC	✓
Total processor performance up to	80 TOPs	Battery	
NPU performance up to	50 TOPs	Battery technology	Lithium-Ion (Li-Ion)
Memory		Number of battery cells	4
Internal memory *	64 GB	Battery capacity *	90 Wh
Internal memory type	LPDDR5x-SDRAM	Power	
Memory form factor	On-board	AC adapter power	200 W
Maximum internal memory *	64 GB	AC adapter frequency	50 - 60 Hz
Storage		AC adapter input voltage	100 - 240 V
Total storage capacity *	2 TB	AC adapter output current	10 A
Storage media *	SSD	AC adapter output voltage	20 V
Total SSDs capacity	2 TB	DC-in jack	✓
Number of SSDs installed	1	USB Type-C charging port *	✓
SSD capacity	2 TB	USB Power Delivery (USB PD)	✓
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Face recognition	✓
SSD form factor	M.2	Windows Hello	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✓	Password protection	✓
Compatible memory cards	SD	Certificates	
Graphics		Compliance certificates	REACH
Discrete GPU manufacturer	NVIDIA	Sustainability	
Discrete graphics card model *	NVIDIA GeForce RTX 5070	Sustainability certificates	ENERGY STAR
Discrete graphics card memory	8 GB	Weight & dimensions	
Discrete graphics memory type	GDDR6	Width	35.5 mm
On-board graphics card *	✓	Depth	24.7 mm
On-board GPU manufacturer	AMD	Height (front)	1.49 cm
Discrete graphics card *	✓	Height (rear)	1.73 cm
		Weight *	1.85 kg
Packaging content			
		AC adapter included *	✓



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