

ASUS ProArt P16 H7606WI-ME083X AMD Ryzen AI 9 HX 370 Laptop 40,6 cm (16") Touchscreen WQUXGA 64 GB LPDDR5x-SDRAM 2 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 7 (802.11be) Windows 11 Pro Black



Brand : ASUS

Product family: ProArt

Article code: 90NB1421-M004M0

Product name : H7606WI-ME083X

ASUS ProArt P16 H7606WI-ME083X. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen AI 9 HX, Processor model: 370, Processor frequency: 2 GHz. Display diagonal: 40,6 cm (16"), HD type: WQUXGA, 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 Pro. Product color: Black

Design		Graphics	
Colour name	Nano Black	On-board graphics card model *	AMD Radeon 890M
Product type *	Laptop	Audio	
Product colour *	Black	Audio system	Smart Amp
Form factor *	Clamshell	Speakers manufacturer	Harman Kardon
Housing material	Aluminium	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)
Native aspect ratio	16:10	Wi-Fi standards	Wi-Fi 7 (802.11be)
Display surface	Gloss	Mobile network connection *	✗
Display brightness	400 cd/m²	Antenna type	2x2
Maximum display brightness (HDR)	500 cd/m²	Ethernet LAN	✗
RGB colour space	DCI-P3	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.4
Display response rise/fall	0.2 ms	Ports & interfaces	
Maximum refresh rate	60 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Display number of colours	1.073 billion colours	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	Charging port type	DC-in jack
Processor family *	AMD Ryzen AI 9 HX	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	AMD Ryzen AI 300 Series	Performance	
Processor model *	370	Repairability index	8.6
Processor cores	12		
Processor threads	24		
Processor boost frequency	5.1 GHz		
Processor frequency *	2 GHz		
Processor cache	36 MB		

Processor		Keyboard	
Processor cache type	L2 & L3	Pointing device	DialPad
Neural processor unit (NPU)		Numeric keypad *	✗
Neural processor unit (NPU)	AMD Ryzen AI	Keyboard backlit	✓
Total processor performance up to	80 TOPs	Software	
NPU performance up to	50 TOPs	Operating system architecture	64-bit
Memory		Operating system installed *	Windows 11 Pro
Internal memory *	64 GB	Battery	
Internal memory type	LPDDR5x-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	On-board	Number of battery cells	4
Maximum internal memory *	64 GB	Battery capacity *	90 Wh
Storage		Power	
Total storage capacity *	2 TB	AC adapter power	200 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	2 TB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	AC adapter output current	10 A
NVMe	✓	AC adapter output voltage	20 V
SSD form factor	M.2	USB Type-C charging port *	✓
Optical drive type *	✗	USB Power Delivery (USB PD) *	✓
Card reader integrated	✓	Security	
Compatible memory cards	SD	Face recognition	✓
Graphics		Windows Hello	✓
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Password protection	✓
Discrete graphics card memory	8 GB	Certificates	
Discrete graphics memory type	GDDR6	Compliance certificates	REACH
On-board graphics card *	✓	Sustainability	
On-board GPU manufacturer	AMD	Sustainability certificates	ENERGY STAR
Discrete graphics card *	✓	Weight & dimensions	
On-board graphics card family	AMD Radeon	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 *	✓



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