## 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 Al 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	<ul> <li>Image: A second s</li></ul>
Display		Camera	
Display diagonal *	40.6 cm (16")		
Display resolution *	3840 x 2400 pixels	Front camera	<ul> <li>Image: A start of the start of</li></ul>
Touchscreen *	1	Front camera HD type	Full HD
HD type	WQUXGA	Infrared (IR) camera	Image: A start of the start
Panel type	OLED	Network	
Native aspect ratio	16:10	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display surface	Gloss	Wi-Fi standards	Wi-Fi 7 (802.11be)
Display brightness	400 cd/m <sup>2</sup>	Mobile network connection *	×
Maximum display brightness (HDR)	500 cd/m <sup>2</sup>	Antenna type	2x2
RGB colour space	DCI-P3	Ethernet LAN	×
Colour gamut	100%	Bluetooth	×
Display response rise/fall	0.2 ms		•
Maximum refresh rate	60 Hz	Bluetooth version	5.4
Display number of colours	1.073 billion colours	Ports & interfaces	
Contrast ratio (typical)	1000000:1	USB 3.2 Gen 2 (3.1 Gen 2) Type-A	2
High Dynamic Range (HDR) supported	1	ports quantity	-
High Dynamic Range (HDR)		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
technology	DisplayHDR True Black 500	USB4 Gen 3x2 ports quantity	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	AMD	HDMI version	2.1
Processor family *	AMD Ryzen Al 9 HX	Combo headphone/mic port	Image: A start of the start
Processor generation	AMD Ryzen Al 300 Series	Charging port type	DC-in jack
Processor model *	370	USB Type-C DisplayPort Alternate	
Processor cores	12	Mode	1
Processor threads	24	Performance	
Processor boost frequency	5.1 GHz	Repairability index	8.6
Processor frequency *	2 GHz	Repairability mack	
Processor cache	36 MB		

Processor		Keyboard	
Processor cache type	L2 & L3	Pointing device	DialPad
Neural processor unit (NPU)		Numeric keypad *	×
Neural processor unit (NPU) Total processor performance up to NPU performance up to	AMD Ryzen Al 80 TOPs 50 TOPs	Keyboard backlit	✓
		Software	
		Operating system architecture	64-bit
Memory		Operating system installed *	Windows 11 Pro
Internal memory * Internal memory type	64 GB LPDDR5x-SDRAM	Battery	
		Battery technology	Lithium-Ion (Li-Ion)
Memory form factor Maximum internal memory *	On-board 64 GB	Number of battery cells	4
	04 00	Battery capacity *	90 Wh
Storage		Power	
Total storage capacity * Storage media *	2 TB SSD	AC adapter power	200 W
Total SSDs capacity	2 TB	AC adapter frequency	50 - 60 Hz
SSD interface	PCI Express 4.0	AC adapter input voltage	100 - 240 V
NVMe		AC adapter output current	10 A
SSD form factor	M.2	AC adapter output voltage	20 V
Optical drive type *	×	USB Type-C charging port *	J
		USB Power Delivery (USB PD) *	✓
Card reader integrated Compatible memory cards	✓ SD	Security	
	20	Face recognition	1
Graphics		Windows Hello	<ul> <li>Image: A set of the set of the</li></ul>
Discrete GPU manufacturer		Trusted Platform Module (TPM)	<ul> <li>Image: A set of the set of the</li></ul>
Discrete graphics card model * Discrete graphics card memory	NVIDIA GeForce RTX 4070 8 GB	Password protection	<ul> <li>Image: A set of the set of the</li></ul>
	GDDR6	Certificates	
On-board graphics card *	1	Compliance certificates	REACH
On-board GPU manufacturerAMDDiscrete graphics card *On-board graphics card familyAMD Radeon	AMD	Sustainability	
		Sustainability certificates	ENERGY STAR
			LNERGI STAR
		Weight & dimensions	
		Width	354.9 mm
		Depth	246.9 mm

Height (front)

Height (rear)

Packaging content AC adapter included \*

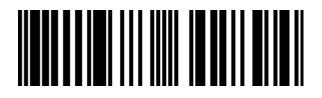
Weight \*

1.49 cm

1.73 cm

1.85 kg

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