



## ASUS ProArt StudioBook 16 OLED H7604JI-MY022W Laptop 40.6 cm (16") Touchscreen Intel® Core™ i9 i9-13980HX 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Black

**Brand :** ASUS

**Product family:** ProArt StudioBook

**Product code:** 90NB0ZD2-M004L0

**Product name :** H7604JI-MY022W



- Windows 11 Home 64-bit  
 - Intel Core i9-13980HX (36MB Cache)  
 - 40.6 cm (16") 3200 x 2000 OLED Touch, NVIDIA GeForce RTX 4070 (8GB GDDR6)  
 - 32GB DDR5-SDRAM & 2000GB SSD  
 Intel Core i9-13980HX (36MB Cache), 32GB DDR5-SDRAM, 2000GB SSD, 40.6 cm (16") 3200 x 2000 OLED Touch, Intel UHD Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit  
 ASUS ProArt StudioBook 16 OLED H7604JI-MY022W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13980HX. Display diagonal: 40.6 cm (16"), Display resolution: 3200 x 2000 pixels, Touchscreen. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4070. Operating system installed: Windows 11 Home. Product colour: Black



Design		Camera	
Colour name	Mineral Black	Front camera	✓
Product type *	Laptop	Front camera HD type	Full HD
Product colour *	Black	Infrared (IR) camera	✓
Form factor *	Clamshell	Privacy camera	✓
		Privacy type	Privacy shutter
Display		Network	
Display diagonal *	40.6 cm (16")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	3200 x 2000 pixels	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Touchscreen *	✓	Mobile network connection *	✗
Panel type	OLED	Antenna type	2x2
Native aspect ratio	16:10	Ethernet LAN	✓
Display surface	Gloss	Ethernet LAN data rates	10,100,1000 Mbit/s
Display brightness	500 cd/m <sup>2</sup>	Bluetooth	✓
Maximum display brightness (HDR)	550 cd/m <sup>2</sup>	Bluetooth version	5.3
RGB colour space	DCI-P3	Ports & interfaces	
Colour gamut	100%	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Display response rise/fall	0.2 ms	Ethernet LAN (RJ-45) ports	1
Maximum refresh rate	120 Hz	HDMI ports quantity *	1
Contrast ratio (typical)	1000000:1	HDMI version	2.1
High Dynamic Range (HDR) supported	✓	Thunderbolt 4 ports quantity	2
High Dynamic Range (HDR) technology	HDR True Black 500	Intel® Thunderbolt 4	✓
Processor		Combo headphone/mic port	✓
Processor manufacturer *	Intel	Power adapter barrel connector	6.0 mm
Processor generation	13th gen Intel® Core™ i9	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	Intel® Core™ i9	USB Power Delivery	✓
Processor model *	i9-13980HX		
Processor boost frequency	5.6 GHz		
Processor cores	24		

<b>Processor</b>		<b>Keyboard</b>	
Processor cache	36 MB	Pointing device	Touchpad
<b>Memory</b>		Numeric keypad *	✓
Internal memory *	32 GB	Keyboard backlit	✓
Internal memory type	DDR5-SDRAM	<b>Software</b>	
Memory form factor	SO-DIMM	Operating system architecture	64-bit
Memory slots	2x SO-DIMM	Operating system installed *	Windows 11 Home
Maximum internal memory *	64 GB	<b>Battery</b>	
<b>Storage</b>		Battery technology	Lithium-Ion (Li-Ion)
Total storage capacity *	2 TB	Number of battery cells	4
Storage media *	SSD	Battery capacity *	90 Wh
Total SSDs capacity	2 TB	<b>Power</b>	
SSD interface	PCI Express 4.0	AC adapter power	240 W
NVMe	✓	AC adapter frequency	50 - 60 Hz
SSD form factor	M.2	AC adapter input voltage	100 - 240 V
Optical drive type *	✗	AC adapter output current	12 A
Card reader integrated	✓	AC adapter output voltage	20 V
Compatible memory cards	SD	<b>Security</b>	
<b>Graphics</b>		Cable lock slot	✓
Discrete GPU manufacturer	NVIDIA	Face recognition	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Windows Hello	✓
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board GPU manufacturer	Intel	Trusted Platform Module (TPM) version	2.0
Discrete graphics card *	✓	Password protection	✓
On-board graphics card model *	Intel® UHD Graphics	Password protection type	BIOS, HDD, User
Discrete graphics card memory	8 GB	<b>Weight &amp; dimensions</b>	
Discrete graphics memory type	GDDR6	Width	356 mm
<b>Audio</b>		Depth	271 mm
Audio system	Smart Amp	Height (front)	2.09 cm
Speakers manufacturer	Harman Kardon	Height (rear)	2.39 cm
Built-in microphone	✓	Weight *	2.4 kg



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