



# ASUS ProArt StudioBook 16 OLED H7604JV-MY046W Intel® Core™ i9 i9-13980HX Laptop 40.6 cm (16") Touchscreen 3.2K 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : ASUS

Product family: ProArt StudioBook

Product code: 90NB10C2-M00300

Product name : H7604JV-MY046W



- Windows 11 Home 64-bit  
 - Intel Core i9-13980HX (36MB Cache)  
 - 40.6 cm (16") 3.2K 3200 x 2000 OLED Touch, NVIDIA GeForce RTX 4060 (8GB GDDR6)  
 - 16GB DDR5-SDRAM (1 x 16) & 1000GB SSD  
 Intel Core i9-13980HX (36MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") 3.2K 3200 x 2000 OLED Touch, Intel UHD Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit  
 ASUS ProArt StudioBook 16 OLED H7604JV-MY046W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13980HX. Display diagonal: 40.6 cm (16"), HD type: 3.2K, Display resolution: 3200 x 2000 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Home. Product colour: Black

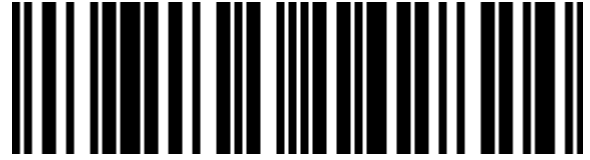


Design		Graphics	
Colour name	Mineral Black	On-board graphics card model *	Intel® UHD Graphics
Product type *	Laptop	<b>Audio</b>	
Product colour *	Black	Audio system	Smart Amp
Form factor *	Clamshell	Number of built-in speakers	2
Housing material	Aluminium, Magnesium	Speakers manufacturer	Harman Kardon
Market positioning	Performance	Built-in microphone	✓
Introduction year	2023	<b>Camera</b>	
<b>Display</b>		Front camera	✓
Display diagonal *	40.6 cm (16")	Front camera HD type	Full HD
Display resolution *	3200 x 2000 pixels	Infrared (IR) camera	✓
Touchscreen *	✓	Privacy camera	✓
HD type	3.2K	Privacy type	Privacy shutter
Panel type	OLED	<b>Network</b>	
Native aspect ratio	16:10	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Maximum display brightness (HDR)	400 cd/m <sup>2</sup>	Wi-Fi standards	Wi-Fi 6E (802.11ax)
RGB colour space	DCI-P3	Mobile network connection *	✗
Colour gamut	100%	Antenna type	2x2
Display response rise/fall	0.2 ms	Ethernet LAN	✓
Maximum refresh rate	120 Hz	Ethernet LAN data rates	10,100,1000 Mbit/s
Display number of colours	1.073 billion colours	Bluetooth	✓
High Dynamic Range (HDR) supported	✓	Bluetooth version	5.3
High Dynamic Range (HDR) technology	HDR True Black 500	<b>Ports &amp; interfaces</b>	
<b>Processor</b>		USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports	1
Processor family *	Intel® Core™ i9	HDMI ports quantity *	1
Processor generation	13th gen Intel® Core™ i9	HDMI version	2.1
Processor model *	i9-13980HX		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Processor cores	24	Thunderbolt 4 ports quantity	2
Processor boost frequency	5.6 GHz	Intel® Thunderbolt 4	✓
Performance cores	8	Headphone outputs	1
Efficient cores	16	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	5.6 GHz	Charging port type	DC-in jack
Efficient-core Max Turbo Frequency	4 GHz	Power adapter barrel connector	6.0 mm
Efficient-core boost frequency	4 GHz	USB Type-C DisplayPort Alternate Mode	✓
Processor cache	36 MB	USB Power Delivery	✓
Processor cache type	Smart Cache	<b>Keyboard</b>	
Processor base power	55 W	Pointing device	Touchpad
Maximum turbo power	157 W	Numeric keypad *	✓
<b>Memory</b>		Keyboard backlit	✓
Internal memory *	16 GB	<b>Software</b>	
Internal memory type	DDR5-SDRAM	Operating system architecture	64-bit
Memory form factor	SO-DIMM	Trial software	1-month trial for new Microsoft 365 customers
Memory layout (slots x size)	1 x 16 GB	Operating system installed *	Windows 11 Home
Memory slots	2x SO-DIMM	<b>Battery</b>	
Maximum internal memory *	64 GB	Battery technology	Lithium-Ion (Li-Ion)
<b>Storage</b>		Number of battery cells	4
Total storage capacity *	1 TB	Battery capacity *	90 Wh
Storage media *	SSD	<b>Power</b>	
Total SSDs capacity	1 TB	AC adapter power	240 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
SSD capacity	1 TB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	AC adapter output current	12 A
NVMe	✓	AC adapter output voltage	19 V
SSD form factor	M.2	<b>Security</b>	
Optical drive type *	✗	Cable lock slot	✓
Card reader integrated	✓	Fingerprint reader	✓
Compatible memory cards	SD	Face recognition	✓
<b>Graphics</b>		Windows Hello	✓
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Password protection	✓
Discrete graphics card memory	8 GB	Password protection type	BIOS, HDD, User
Discrete graphics memory type	GDDR6	<b>Sustainability</b>	
On-board graphics card *	✓	Sustainability compliance	✓
On-board GPU manufacturer	Intel	Sustainability certificates	REACH, RoHS
Discrete graphics card *	✓	<b>Weight &amp; dimensions</b>	
On-board graphics card family	Intel® UHD Graphics	Width	356 mm
		Depth	271 mm
		Height (front)	2.09 cm
		Height (rear)	2.39 cm
		Weight *	2.4 kg
		<b>Packaging content</b>	
		Stylus pen	✓



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