



Acer Predator PH16-71-948L Intel® Core™ i9 i9-13900HX Laptop 40.6 cm (16") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 6 (802.11ax) Windows 11 Home Black

Brand : Acer

Product family: Predator

Product code: NH.QJSAA.002

Product name : PH16-71-948L

- Windows 11 Home 64-bit
- Intel Core i9-13900HX (36MB Cache)
- 40.6 cm (16") WQXGA 2560 x 1600 IPS, NVIDIA GeForce RTX 4080 (12GB GDDR6)
- 32GB DDR5-SDRAM & 1000GB SSD
Intel Core i9-13900HX (36MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 4080 (12GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit
Acer Predator PH16-71-948L. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13900HX. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4080. Operating system installed: Windows 11 Home. Product colour: Black



Design		Network	
Product type *	Laptop	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Product colour *	Black	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Form factor *	Clamshell	Mobile network connection *	✗
Market positioning	Gaming	Ethernet LAN	✓
Display		Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Display diagonal *	40.6 cm (16")	Bluetooth	✓
Display resolution *	2560 x 1600 pixels	Bluetooth version	5.2
Touchscreen *	✗	Ports & interfaces	
HD type	WQXGA	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Panel type	IPS	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
LED backlight	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Native aspect ratio	16:10	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	2.1
Processor family *	Intel® Core™ i9	Headphone outputs	1
Processor generation	13th gen Intel® Core™ i9	Combo headphone/mic port	✓
Processor model *	i9-13900HX	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	24	Keyboard	
Performance-core Max Turbo Frequency	5.4 GHz	Pointing device	Touchpad
Efficient-core boost frequency	3.9 GHz	Numeric keypad *	✓
Processor cache	36 MB	Keyboard backlit	✓
Processor cache type	Smart Cache	Keyboard backlit colour	RGB
Bus type	DMI4	Full-size keyboard	✓
Configurable TDP-down	45 W	Software	
Memory		Operating system architecture	64-bit
Internal memory *	32 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR5-SDRAM	Processor special features	
Memory form factor	SO-DIMM	Intel Flex Memory Access	✓
Memory slots	2x SO-DIMM	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum internal memory *	32 GB		
Storage			
Total storage capacity *	1 TB		
Storage media *	SSD		

Storage		Processor special features	
Total SSDs capacity	1 TB	CPU configuration (max)	1
Number of SSDs installed	1	Embedded options available	✗
SSD capacity	1 TB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD interface	PCI Express	Intel Virtualization Technology (VT-x)	✓
Optical drive type *	✗	Battery	
Card reader integrated	✓	Battery technology	Lithium-Ion (Li-Ion)
Compatible memory cards	MicroSD (TransFlash)	Number of battery cells	4
Graphics		Battery capacity *	90 Wh
Discrete graphics card model *	NVIDIA GeForce RTX 4080	Battery charge indicator	✓
Discrete graphics card memory	12 GB	Power	
Discrete graphics memory type	GDDR6	AC adapter power	330 W
On-board graphics card *	✓	DC-in jack	✓
On-board GPU manufacturer	Intel	Security	
Discrete graphics card *	✓	Cable lock slot	✓
On-board graphics card model *	Intel® UHD Graphics	Cable lock slot type	Kensington
Audio		Password protection	✓
Audio system	True Harmony	Password protection type	BIOS, Supervisor, User
Number of built-in speakers	2	Weight & dimensions	
Built-in microphone	✓	Width	357.8 mm
Number of microphones	2	Depth	278.7 mm
Camera		Height	26.9 mm
Front camera	✓	Weight *	2.7 kg
Front camera resolution	1920 x 1080 pixels	Packaging content	
Front camera HD type	Full HD	Cables included	AC

Catalog Object Cloud



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