



Acer Predator Helios Neo 16 PHN16-71 Intel® Core™ i9 i9-13900HX Laptop 40.6 cm (16") WQXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6 (802.11ax) Windows 11 Home Black

Brand : Acer

Product family: Predator

Product code: NH.QLVEK.00A

Product name : PHN16-71



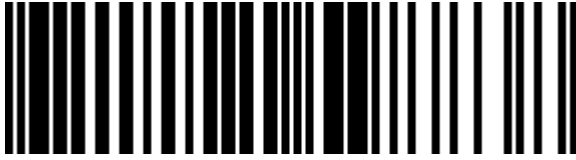
- Windows 11 Home 64-bit
- Intel Core i9-13900HX (36MB Cache)
- 40.6 cm (16") WQXGA 2560 x 1600, NVIDIA GeForce RTX 4070 (8GB GDDR6)
- 16GB DDR5-SDRAM & 1000GB SSD

Intel Core i9-13900HX (36MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600, Intel UHD Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

Acer Predator Helios Neo 16 PHN16-71. 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: 16 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 4070. Operating system installed: Windows 11 Home. Product colour: Black

Design		Audio	
Colour name	Obsidian Black	Built-in microphone	✓
Product type *	Laptop	Camera	
Product colour *	Black	Front camera	✓
Form factor *	Clamshell	Front camera resolution	1280 x 720 pixels
Market positioning	Gaming	Front camera HD type	HD
Display		Network	
Display diagonal *	40.6 cm (16")	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display resolution *	2560 x 1600 pixels	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	WQXGA	Ethernet LAN	✓
LED backlight	✓	Ethernet LAN data rates	10,100,1000 Mbit/s
Native aspect ratio	16:10	Bluetooth	✓
Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor family *	Intel® Core™ i9	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor generation	13th gen Intel® Core™ i9	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor model *	i9-13900HX	Ethernet LAN (RJ-45) ports	1
Processor cores	24	HDMI ports quantity *	1
Performance-core Max Turbo Frequency	5.4 GHz	HDMI version	2.1
Efficient-core boost frequency	3.9 GHz	Headphone outputs	1
Processor cache	36 MB	Combo headphone/mic port	✓
Processor cache type	Smart Cache	Charging port type	DC-in jack
Bus type	DMI4	USB Type-C DisplayPort Alternate Mode	✓
Configurable TDP-down	45 W	Keyboard	
Memory		Pointing device	Touchpad
Internal memory *	16 GB	Numeric keypad *	✓
Internal memory type	DDR5-SDRAM	Keyboard backlight	✓
Memory form factor	SO-DIMM	Software	
Memory slots	2x SO-DIMM		
Maximum internal memory *	32 GB		

Storage		Software	
Total storage capacity *	1 TB	Operating system architecture	64-bit
Storage media *	SSD	Operating system installed *	Windows 11 Home
Total SSDs capacity	1 TB	Processor special features	
Number of SSDs installed	1	CPU configuration (max)	1
SSD capacity	1 TB	Battery	
SSD interface	PCI Express	Battery technology	Lithium-Ion (Li-Ion)
Optical drive type *	✗	Number of battery cells	4
Card reader integrated	✓	Battery capacity *	90 Wh
Compatible memory cards	MicroSD (TransFlash)	Power	
Graphics		AC adapter power	230 W
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Security	
Discrete graphics card memory	8 GB	Cable lock slot	✓
Discrete graphics memory type	GDDR6	Cable lock slot type	Kensington
On-board graphics card *	✓	Password protection	✓
On-board GPU manufacturer	Intel	Weight & dimensions	
Discrete graphics card *	✓	Width	360.1 mm
On-board graphics card model *	Intel® UHD Graphics	Depth	279.9 mm
Audio		Height (front)	2.66 cm
Number of built-in speakers	2	Height (rear)	2.83 cm
		Weight *	2.8 kg
		Packaging content	
		Cables included	AC



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