



**Acer Predator Helios Neo 16 PHN16-71 Laptop 40.6 cm (16")
WQXGA Intel® Core™ i9 i9-13900HX 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 generation	13th gen Intel® Core™ i9	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor family *	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
Efficient-core boost frequency	3.9 GHz	HDMI ports quantity *	1
Performance-core Max Turbo Frequency	5.4 GHz	HDMI version	2.1
Processor cores	24	Combo headphone/mic port	✓
Processor cache	36 MB	Charging port type	DC-in jack
Processor cache type	Smart Cache	USB Type-C DisplayPort Alternate Mode	✓
Bus type	DMI4	Keyboard	
Configurable TDP-down	45 W	Pointing device	Touchpad
Memory		Numeric keypad *	✓
Internal memory *	16 GB	Keyboard backlight	✓
Internal memory type	DDR5-SDRAM	Software	
Maximum internal memory *	32 GB	Operating system architecture	64-bit
Storage			
Total storage capacity *	1 TB		
Storage media *	SSD		

Storage		Software	
Total SSDs capacity	1 TB	Operating system installed *	Windows 11 Home
Number of SSDs installed	1	Processor special features	
SSD capacity	1 TB	CPU configuration (max)	1
SSD interface	PCI Express	Battery	
Optical drive type *	✗	Battery technology	Lithium-Ion (Li-Ion)
Card reader integrated	✓	Number of battery cells	4
Compatible memory cards	MicroSD (TransFlash)	Battery capacity *	90 Wh
Graphics		Power	
Discrete graphics card model *	NVIDIA GeForce RTX 4070	AC adapter power	230 W
On-board graphics card *	✓	Security	
On-board GPU manufacturer	Intel	Cable lock slot	✓
Discrete graphics card *	✓	Cable lock slot type	Kensington
On-board graphics card model *	Intel® UHD Graphics	Weight & dimensions	
Discrete graphics card memory	8 GB	Width	360.1 mm
Discrete graphics memory type	GDDR6	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



4711121598838

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 26-MAR-2024. Prints or copies of Information are only valid on the printed Publication date