



Acer Predator Helios Neo 16 PHN16-71-7647 Intel® Core™ i7 i7-13650HX Laptop 40.6 cm (16") WQXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6 (802.11ax) Windows 11 Home Black

Brand : Acer

Product family: Predator

Product code: NH.QLUEK.00C

Product name :
PHN16-71-7647



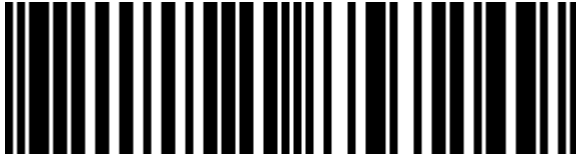
- Windows 11 Home 64-bit
- Intel Core i7-13650HX (24MB Cache)
- 40.6 cm (16") WQXGA 2560 x 1600 IPS, NVIDIA GeForce RTX 4060 (8GB GDDR6)
- 16GB DDR5-SDRAM & 1000GB SSD

Intel Core i7-13650HX (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

Acer Predator Helios Neo 16 PHN16-71-7647. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13650HX. 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 4060. Operating system installed: Windows 11 Home. Product colour: Black

Design		Graphics	
Colour name	Obsidian Black	On-board graphics card model *	Intel® UHD Graphics
Product type *	Laptop	Audio	
Product colour *	Black	Number of built-in speakers	2
Form factor *	Clamshell	Built-in microphone	✓
Market positioning	Gaming	Camera	
Display		Front camera	✓
Display diagonal *	40.6 cm (16")	Front camera resolution	1280 x 720 pixels
Display resolution *	2560 x 1600 pixels	Front camera HD type	HD
Touchscreen *	✗	Network	
HD type	WQXGA	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Panel type	IPS	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Display technology marketing name	ComfyView	Mobile network connection *	✗
LED backlight	✓	Antenna type	2x2
Native aspect ratio	16:10	WLAN controller model	Killer Wireless-AX 1650i
Display surface	Matt	WLAN controller manufacturer	Killer
RGB colour space	sRGB	Ethernet LAN	✓
Colour gamut	100%	Ethernet LAN data rates	10,100,1000 Mbit/s
Maximum refresh rate	165 Hz	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™ i7	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor generation	13th gen Intel® Core™ i7	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor model *	i7-13650HX	Ethernet LAN (RJ-45) ports	1
Processor cores	14	HDMI ports quantity *	1
Processor threads	20	HDMI version	2.1
Processor boost frequency	4.9 GHz	Combo headphone/mic port	✓
Performance cores	6	Charging port type	DC-in jack
Efficient cores	8	USB Type-C DisplayPort Alternate Mode	✓
Performance-core Max Turbo Frequency	4.9 GHz		
Efficient-core Max Turbo Frequency	3.6 GHz		
Processor cache	24 MB		
Processor cache type	Smart Cache		

Processor		Keyboard	
Processor base power	55 W	Pointing device	Touchpad
Maximum turbo power	157 W	Numeric keypad *	✓
Memory		Keyboard backlit	✓
Internal memory *	16 GB	Keyboard backlit colour	RGB
Internal memory type	DDR5-SDRAM	Keyboard backlit zone	4-zone RGB
Maximum internal memory *	32 GB	Software	
Storage		Operating system architecture	64-bit
Total storage capacity *	1 TB	Operating system installed *	Windows 11 Home
Storage media *	SSD	Battery	
Total SSDs capacity	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Number of SSDs installed	1	Number of battery cells	4
SSD capacity	1 TB	Battery capacity *	90 Wh
SSD interface	PCI Express	Battery life (max)	8 h
NVMe	✓	Power	
SSD form factor	M.2	AC adapter power	330 W
Optical drive type *	✗	Security	
Card reader integrated	✓	Cable lock slot	✓
Compatible memory cards	MicroSD (TransFlash)	Cable lock slot type	Kensington
Graphics		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, Supervisor, User
Discrete graphics memory type	GDDR6	Weight & dimensions	
On-board graphics card *	✓	Width	360.1 mm
On-board GPU manufacturer	Intel	Depth	279.9 mm
Discrete graphics card *	✓	Height (front)	2.65 cm
On-board graphics card family	Intel® UHD Graphics	Height (rear)	2.83 cm
		Weight *	2.6 kg
		Packaging content	
		Cables included	AC



4711121857249

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