Acer Predator Helios Neo 18 PHN18-71 18" WQXGA IPS i7-14 16GB 1TB Windows 11 Home Gaming Notebook

Brand : Acer **Product family:** Predator **Product code:** NH.QNQEK.005

Product name : Acer Predator Helios Neo 18 PHN18-71 18" WQXGA IPS i7-14 16GB 1TB Windows 11 Home Gaming Notebook

Acer Predator Helios Neo 18 PHN18-71 18" WQXGA IPS i7-14 16GB 1TB Windows 11 Home Gaming Notebook. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-14700HX, Processor frequency: 2.1 GHz. Display diagonal: 45.7 cm (18"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1.02 TB, Storage media: SSD. Discrete graphics card model: NVIDIA GeForce RTX 4070. Operating system installed: Windows 11 Home. Product colour: Black

Design	
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell

Display	
Display diagonal *	45.7 cm (18")
Display resolution *	2560 x 1600 pixels
Touchscreen *	✗
HD type	WQXGA
Panel type	IPS
Display technology marketing name	ComfyView
Native aspect ratio	16:10
Display surface	Matt
Display brightness	500 cd/m²
RGB colour space	DCI-P3
Colour gamut	100%
Maximum refresh rate	240 Hz

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor model *	i7-14700HX
Processor cores	20
Processor boost frequency	5.5 GHz
Processor frequency *	2.1 GHz
Processor cache	33 MB

Memory	
Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	5600 MHz
Memory layout (slots x size)	2 x 8 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	32 GB

Storage	
Total storage capacity *	1.02 TB
Storage media *	SSD
SSD interface	PCI Express
NVMe	✓

Graphics	
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6
Discrete graphics card *	✓

Audio	
Number of built-in speakers	2
Built-in microphone	✓

Camera	
Front camera	✓
Front camera resolution	1280 x 720 pixels
Front camera HD type	HD

Network	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
Wi-Fi band	Dual-band (2.4 GHz / 5 GHz)
Bluetooth	✓

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
HDMI ports quantity *	1

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✓
Keyboard backlit	✓
Keyboard backlit colour	RGB
Keyboard backlit zone	4-zone RGB

Software	
Operating system installed *	Windows 11 Home

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Battery capacity *	90 Wh

Storage	
SSD form factor	M.2

Graphics	
Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 4070

Battery	
Battery life (max)	6 h

Power	
AC adapter power	330 W

Weight & dimensions	
Width	404 mm
Depth	312.1 mm
Height	27.1 mm
Weight *	3.4 kg

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