



Acer Predator Helios Neo 16 PHN16-71-71R8 Intel® Core™ i7 i7-13700HX Computer portatile 40,6 cm (16") WQXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6 (802.11ax) FreeDOS Nero

Marchio : Acer

Famiglia del prodotto:
Predator

Codice prodotto:
NH.QLVET.005

Nome del prodotto :
PHN16-71-71R8



16" WQXGA (2560x1600) IPS, Intel Core i7-13700HX, 32GB, 2TB SSD, Wi-Fi, Free Dos
Acer Predator Helios Neo 16 PHN16-71-71R8. Tipo di prodotto: Computer portatile, Fattore di forma: Clamshell. Famiglia processore: Intel® Core™ i7, Modello del processore: i7-13700HX. Dimensioni diagonale schermo: 40,6 cm (16"), Tipologia HD: WQXGA, Risoluzione del display: 2560 x 1600 Pixel. RAM installata: 32 GB, Tipo di RAM: DDR5-SDRAM. Capacità totale di archiviazione: 2 TB, Supporto di memoria: SSD. Modello scheda grafica integrata: Intel® UHD Graphics, Scheda grafica dedicata: NVIDIA GeForce RTX 4070. Sistema operativo incluso: FreeDOS. Colore del prodotto: Nero

Design		Graphics	
Product type *	Laptop	On-board graphics card family	Intel® UHD Graphics
Product colour *	Black	On-board graphics card model *	Intel® UHD Graphics
Form factor *	Clamshell	Audio	
Market positioning	Gaming	Audio system	DTS:X Ultra
Display		Number of built-in speakers	2
Display diagonal *	40.6 cm (16")	Built-in microphone	✓
Display resolution *	2560 x 1600 pixels	Camera	
Touchscreen *	✗	Front camera	✓
HD type	WQXGA	Front camera resolution	1280 x 720 pixels
Panel type	IPS	Front camera HD type	HD
Native aspect ratio	16:10	Network	
Anti-glare screen	✓	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Processor		Wi-Fi standards	Wi-Fi 6 (802.11ax)
Processor manufacturer *	Intel	Mobile network connection *	✗
Processor family *	Intel® Core™ i7	Ethernet LAN	✓
Processor generation	13th gen Intel® Core™ i7	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor model *	i7-13700HX	Bluetooth	✓
Processor cores	16	Ports & interfaces	
Processor boost frequency	5 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Performance cores	8	Ethernet LAN (RJ-45) ports	1
Efficient cores	8	HDMI ports quantity *	1
Performance-core Max Turbo Frequency	5 GHz	HDMI version	2.1
Efficient-core Max Turbo Frequency	3.7 GHz	Thunderbolt 4 ports quantity	2
Processor cache	30 MB	Intel® Thunderbolt 4	✓
Processor cache type	Smart Cache	Headphone outputs	1
Processor base power	55 W	Combo headphone/mic port	✓
Maximum turbo power	157 W		

Memory		Keyboard	
Internal memory *	32 GB	Pointing device	Touchpad
Internal memory type	DDR5-SDRAM	Numeric keypad *	✓
Memory clock speed	4800 MHz	Keyboard backlit	✓
Memory form factor	SO-DIMM	Keyboard backlit colour	RGB
Memory slots	2x SO-DIMM	Software	
Maximum internal memory *	32 GB	Operating system installed *	FreeDOS
Storage		Battery	
Total storage capacity *	2 TB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	2 TB	Battery capacity *	90 Wh
Number of SSDs installed	1	Battery life (max)	8 h
SSD capacity	2 TB	Power	
SSD interface	PCI Express	AC adapter power	330 W
NVMe	✓	DC-in jack	✓
Optical drive type *	✗	Security	
Graphics		Cable lock slot	✓
Discrete GPU manufacturer	NVIDIA	Cable lock slot type	Kensington
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Trusted Platform Module (TPM)	✓
Discrete graphics memory type	GDDR6	Trusted Platform Module (TPM) version	2.0
On-board graphics card *	✓	Weight & dimensions	
On-board GPU manufacturer	Intel	Width	360.1 mm
Discrete graphics card *	✓	Depth	279.9 mm
		Height (front)	2.65 cm
		Height (rear)	2.83 cm
		Weight *	2.6 kg



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Publication date: 30-APR-2025. Prints or copies of Information are only valid on the printed Publication date