



# 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		Graphics	
Product type *	Laptop	Discrete graphics card memory	8 GB
Product colour *	Black	Discrete graphics memory type	GDDR6
Form factor *	Clamshell	Discrete graphics card *	✓
Display		Audio	
Display diagonal *	45.7 cm (18")	Number of built-in speakers	2
Display resolution *	2560 x 1600 pixels	Built-in microphone	✓
Touchscreen *	✗	Camera	
HD type	WQXGA	Front camera	✓
Panel type	IPS	Front camera resolution	1280 x 720 pixels
Display technology marketing name	ComfyView	Front camera HD type	HD
Native aspect ratio	16:10	Network	
Display surface	Matt	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display brightness	500 cd/m <sup>2</sup>	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)
RGB colour space	DCI-P3	Wi-Fi band	Dual-band (2.4 GHz / 5 GHz)
Colour gamut	100%	Bluetooth	✓
Maximum refresh rate	240 Hz	Ports & interfaces	
Processor		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor family *	Intel® Core™ i7	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor model *	i7-14700HX	HDMI ports quantity *	1
Processor cores	20	Keyboard	
Processor boost frequency	5.5 GHz	Pointing device	Touchpad
Processor frequency *	2.1 GHz	Numeric keypad *	✓
Processor cache	33 MB	Keyboard backlit	✓
Memory		Keyboard backlit colour	RGB
Internal memory *	16 GB	Keyboard backlit zone	4-zone RGB
Internal memory type	DDR5-SDRAM	Software	
Memory clock speed	5600 MHz	Operating system installed *	Windows 11 Home
Memory layout (slots x size)	2 x 8 GB	Battery	
Memory slots	2x SO-DIMM	Battery technology	Lithium-Ion (Li-Ion)
Maximum internal memory *	32 GB	Battery capacity *	90 Wh
Storage			
Total storage capacity *	1.02 TB		
Storage media *	SSD		
SSD interface	PCI Express		
NVMe	✓		

Storage		Battery	
SSD form factor	M.2	Battery life (max)	6 h
Graphics		Power	
Discrete GPU manufacturer	NVIDIA	AC adapter power	330 W
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Weight & dimensions	
		Width	404 mm
		Depth	312.1 mm
		Height	27.1 mm
		Weight *	3.4 kg

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