



Acer Predator Helios 16 PH16-72-98LZ Intel® Core™ i9 i9-14900HX Laptop 40.6 cm (16") WQXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 7 (802.11be) Windows 11 Home Black



Brand : Acer

Product family: Predator

Product code: NH.QNZEH.004

Product name : Helios 16
PH16-72-98LZ



Acer Predator Helios 16 PH16-72-98LZ. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-14900HX, Processor frequency: 2.2 GHz. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Home. Product colour: Black

Design		Graphics	
Colour name	Abyssal 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 HD type	Full HD
Display resolution *	2560 x 1600 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
HD type	WQXGA	Wi-Fi standards	Wi-Fi 7 (802.11be)
Panel type	IPS	Mobile network connection *	✗
Native aspect ratio	16:10	Antenna type	2x2
Anti-glare screen	✓	WLAN controller manufacturer	Killer
Display brightness	1000 cd/m ²	Ethernet LAN	✓
Display diagonal (metric)	40.6 cm	Ethernet LAN data rates	10,100,1000 Mbit/s
RGB colour space	DCI-P3	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.3
Maximum refresh rate	250 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™ i9	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor generation	Intel® Core™ i9 (14th gen)	Ethernet LAN (RJ-45) ports	1
Processor model *	i9-14900HX	HDMI ports quantity *	1
Processor cores	24	Combo headphone/mic port	✓
Processor boost frequency	5.8 GHz	Charging port type	DC-in jack
Processor frequency *	2.2 GHz	Keyboard	
Memory		Pointing device	Touchpad
Internal memory *	32 GB	Keyboard layout	AZERTY
Internal memory type	DDR5-SDRAM	Numeric keypad *	✓
Memory clock speed	5600 MHz	Keyboard backlit	✓
Memory slots	2x SO-DIMM	Keyboard backlit colour	RGB
Storage		Software	
Total storage capacity *	2 TB	Operating system installed *	Windows 11 Home
Storage media *	SSD	Battery	
Total SSDs capacity	2 TB	Battery technology	Lithium-Ion (Li-Ion)
Number of SSDs installed	2	Battery capacity *	90 Wh
SSD capacity	1 TB		
SSD interface	PCI Express		
NVMe	✓		

Graphics

Discrete graphics card model *	NVIDIA GeForce RTX 4080
Discrete graphics card memory	12 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✓
Discrete graphics card *	✓

Battery

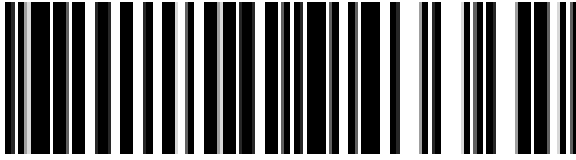
Battery life (max)	5 h
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Power

AC adapter power	330 W
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Weight & dimensions

Width	357.8 mm
Depth	277.6 mm
Height (front)	2.49 cm
Height (rear)	2.69 cm
Weight *	2.7 kg



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