



Acer Predator Helios Neo 16 PHN16-72-9036 Intel® Core™ i9 i9-14900HX Laptop 40,6 cm (16") WQXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Zwart

Merk : Acer

Productfamilie: Predator

Artikelcode: NH.QQUEH.008

Productnaam :
PHN16-72-9036



Intel Core i9-14900HX (2.2GHz, 36MB L3), 40.6 cm (16") 3K WQXGA IPS 240Hz (2560 x 1600), 16GB DDR5 SDRAM, 1TB PCIe NVMe SED SSD, NVIDIA GeForce RTX 4070 (8GB GDDR6), Killer Wi-Fi 6E AX (2x2) + BT, Windows 11 Home, Backlit US Int. Keyboard
Acer Predator Helios Neo 16 PHN16-72-9036. Type product: Laptop, Vormfactor: Clamshell.
Processorfamilie: Intel® Core™ i9, Processormodel: i9-14900HX, Frequentie van processor: 2,2 GHz.
Beeldscherm diagonaal: 40,6 cm (16"), HD type: WQXGA, Resolutie: 2560 x 1600 Pixels. Intern geheugen: 16 GB, Intern geheugentype: DDR5-SDRAM. Totale opslagcapaciteit: 1 TB, Opslagmedia: SSD.
On-board graphics adapter model: Intel® UHD Graphics. Inclusief besturingssysteem: Windows 11 Home. Kleur van het product: Zwart

Design		Grafisch	
Kleurnaam	Abyssal Black	On-board graphics adapter model * Intel® UHD Graphics	
Type product *	Laptop	Audio	
Kleur van het product *	Zwart	Audiosysteem	DTS:X Ultra
Vormfactor *	Clamshell	Aantal ingebouwde luidsprekers	2
Markt positionering	Gamen	Ingebouwde microfoon	✓
Beeldscherm		Camera	
Beeldscherm diagonaal *	40,6 cm (16")	Camera voorzijde	✓
Resolutie *	2560 x 1600 Pixels	Voorcamera HD-type	Full HD
Touchscreen *	✗	Netwerk	
HD type	WQXGA	Wifi-standaard *	Wi-Fi 6E (802.11ax)
Soort paneel	IPS	Wi-Fi-standaarden	Wi-Fi 6E (802.11ax)
Marketingnaam beeldschermtechnologie	ComfyView	Mobiele netwerkverbinding *	✗
Oorspronkelijke beeldverhouding	16:10	Soort antenne	2x2
Helderheid	500 cd/m²	Fabrikant van de WLAN-controller	Killer
Schermdiameter in centimeters	40,6 cm	Ethernet LAN	✓
RGB-kleurruimte	DCI-P3	Ethernet LAN, data-overdrachtsnelheden	2500 Mbit/s
Kleurbereik	100 procent	Bluetooth	✓
Maximale refresh snelheid	240 Hz	Bluetooth-versie	5.2
Typische contrastverhouding	1000:1	Poorten & interfaces	
Processor		Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type A *	1
Processorfabrikant *	Intel	Aantal poorten USB 3.2 Gen 2 (3.1 Gen 2) Type A	2
Processorfamilie *	Intel® Core™ i9	Aantal poorten USB 3.2 Gen 2 (3.1 Gen 2) Type C	2
Processorgeneratie	Intel Core i9-14xxx	Aantal Ethernet LAN (RJ-45)-poorten	1
Processormodel *	i9-14900HX	Aantal HDMI-poorten *	1
Aantal processorkernen	24	HDMI versie	2.1
Processor aantal threads	32	Combo koptelefoon/microfoon port	✓
Maximale turbofrequentie van processor	5,8 GHz	Charging port type	DC-in ingang
Frequentie van processor *	2,2 GHz	Toetsenbord	
Processor cache	36 MB	Aanwijssapparaat	Touchpad
Processor cache type	L3	Toetsenbordindeling	QWERTY
Geheugen		Numeriek toetsenblok *	✓
Intern geheugen *	16 GB		
Intern geheugentype	DDR5-SDRAM		
Kloksnelheid geheugen	5600 MHz		
Geheugenslots	2x SO-DIMM		

Opslagmedia		Toetsenbord	
Totale opslagcapaciteit *	1 TB	Keyboard met achtergrondverlichting	✓
Opslagmedia *	SSD	Zone met toetsenbordverlichting	4-zone RGB
Totale capaciteit SSD's	1 TB	Software	
Aantal geïnstalleerde SSD's	1	Inclusief besturingssysteem *	Windows 11 Home
SSD capaciteit	1 TB	Accu/Batterij	
SSD interfaces	PCI Express	Batterijtechnologie	Lithium-Ion (Li-Ion)
NVMe	✓	Aantal batterijcellen	4
Self-Encrypting Drive (SED)	✓	Batterijcapaciteit *	90 Wh
Soort optische drive *	✗	Levensduur accu/batterij	6 uur
Geïntegreerde geheugenkaartlezer	✓	Energie	
Compatibele geheugenkaarten	MicroSD (TransFlash)	AC-adapter, vermogen	330 W
Grafisch		Beveiliging	
Discreet grafische adapter model *	NVIDIA GeForce RTX 4070	Bevestigingsmogelijkheid voor kabelslot	✓
Grafische geheugen	8 GB	Kabelslot sleuf type	Kensington
Specifiek grafisch geheugentype	GDDR6	Gewicht en omvang	
Ingebouwde grafische adapter *	✓	Breedte	357,8 mm
Aparte grafische adapter *	✓	Diepte	278,6 mm
		Hoogte (voorzijde)	2,6 cm
		Hoogte (achterzijde)	2,79 cm
		Gewicht *	2,8 kg

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