



Acer Predator Helios 16 PH16-71-95XP

Brand : Acer

Product family: Predator

Product code: NH.QJSEK.00G

Product name : Predator Helios 16 PH16-71-95XP



- Windows 11 Home 64-bit
 - Intel Core i9-13900HX (36MB Cache)
 - 40.6 cm (16") WQXGA 2560 x 1600, NVIDIA GeForce RTX 4080 (12GB GDDR6)
 - 32GB DDR5-SDRAM & 2TB SSD
- Predator Helios 16 PH16-71 - Intel Core i9-13900HX, Nvidia RTX 4080, 32GB, 2TB SSD, 16" 165Hz WQXGA, Win 11, Black

Acer Predator Helios 16 PH16-71-95XP. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13900HX, 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: 2.05 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Home. Product colour: Black



Design		Camera	
Product type *	Laptop	Front camera resolution	1920 x 1080 pixels
Product colour *	Black	Front camera HD type	Full HD
Form factor *	Clamshell	Network	
Market positioning	Gaming	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display		Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display diagonal *	40.6 cm (16")	Mobile network connection *	✗
Display resolution *	2560 x 1600 pixels	Ethernet LAN	✓
Touchscreen *	✗	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
HD type	WQXGA	Bluetooth	✓
LED backlight	✓	Bluetooth version	5.1
Native aspect ratio	16:10	Ports & interfaces	
RGB colour space	DCI-P3	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Colour gamut	100%	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Maximum refresh rate	250 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports	1
Processor family *	Intel® Core™ i9	HDMI ports quantity *	1
Processor generation	13th gen Intel® Core™ i9	HDMI version	2.1
Processor model *	i9-13900HX	Combo headphone/mic port	✓
Processor cores	24	Charging port type	DC-in jack
Processor frequency *	2.2 GHz	USB Type-C DisplayPort Alternate Mode	✓
Performance-core Max Turbo Frequency	5.4 GHz	Keyboard	
Efficient-core boost frequency	3.9 GHz	Pointing device	Touchpad
Processor cache	36 MB	Numeric keypad *	✓
Processor cache type	Smart Cache	Keyboard backlit	✓
Bus type	DMI4	Keyboard backlit colour	RGB
Configurable TDP-down	45 W	Full-size keyboard	✓
Memory			
Internal memory *	32 GB		
Internal memory type	DDR5-SDRAM		
Maximum internal memory *	32 GB		

Storage		Software	
Total storage capacity *	2.05 TB	Operating system architecture	64-bit
Storage media *	SSD	Operating system installed *	Windows 11 Home
Total SSDs capacity	2.05 TB	Processor special features	
Number of SSDs installed	1	Intel Flex Memory Access	✓
SSD capacity	2.05 TB	Intel VT-x with Extended Page Tables (EPT)	✓
SSD interface	PCI Express	CPU configuration (max)	1
NVMe	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD form factor	M.2	Intel Virtualization Technology (VT-x)	✓
Optical drive type *	✗	Battery	
Card reader integrated	✓	Battery technology	Lithium-Ion (Li-Ion)
Compatible memory cards	MicroSD (TransFlash)	Number of battery cells	4
Graphics		Battery capacity *	90 Wh
Discrete graphics card model *	NVIDIA GeForce RTX 4080	Battery life (max)	5 h
Discrete graphics card memory	12 GB	Battery charge indicator	✓
Discrete graphics memory type	GDDR6	Power	
On-board graphics card *	✓	AC adapter power	330 W
On-board GPU manufacturer	Intel	Security	
Discrete graphics card *	✓	Cable lock slot	✓
On-board graphics card model *	Intel® UHD Graphics	Cable lock slot type	Kensington
Audio		Weight & dimensions	
Audio system	True Harmony	Width	357.8 mm
Number of built-in speakers	2	Depth	278.7 mm
Speaker power	330 W	Height	26.9 mm
Built-in microphone	✓	Weight *	2.6 kg
Number of microphones	2	Packaging content	
Camera		Cables included	AC
Front camera	✓		



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Publication date: 09-MAY-2024. Prints or copies of Information are only valid on the printed Publication date