



# Acer Predator Helios PH16-71 16" Gaming Laptop

Brand : Acer

Product family: Predator

Product code: NH.QJSEK.00G

Product name : Predator Helios PH16-71 16" Gaming Laptop



- 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 & 2048GB SSD

Acer Predator Helios PH16-71 16" Gaming Laptop Intel Core i9 32GB RAM 2TB M.2 NVMe SSD NVIDIA RTX 4080 16" WQXGA MiniLED IPS Gaming Laptop

Acer Predator Helios PH16-71 16" Gaming Laptop. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13900HX. 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, Discrete graphics card model: NVIDIA GeForce RTX 4080. Operating system installed: Windows 11 Home. Product colour: Black

Design		Camera	
Product type *	Laptop	Front camera HD type	Full HD
Product colour *	Black	Network	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Market positioning	Gaming	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Display		Mobile network connection *	✗
Display diagonal *	40.6 cm (16")	Ethernet LAN	✓
Display resolution *	2560 x 1600 pixels	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	WQXGA	Bluetooth version	5.1
LED backlight	✓	Ports & interfaces	
Native aspect ratio	16:10	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor		USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor generation	13th gen Intel® Core™ i9	Ethernet LAN (RJ-45) ports	1
Processor family *	Intel® Core™ i9	HDMI ports quantity *	1
Processor model *	i9-13900HX	HDMI version	2.1
Efficient-core boost frequency	3.9 GHz	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	5.4 GHz	Charging port type	DC-in jack
Processor cores	24	USB Type-C DisplayPort Alternate Mode	✓
Processor cache	36 MB	Keyboard	
Processor cache type	Smart Cache	Pointing device	Touchpad
Bus type	DMI4	Numeric keypad *	✓
Configurable TDP-down	45 W	Keyboard backlight	✓
Memory		Keyboard backlight colour	RGB
Internal memory *	32 GB	Full-size keyboard	✓
Internal memory type	DDR5-SDRAM	Software	
Maximum internal memory *	32 GB	Operating system architecture	64-bit
Storage		Operating system installed *	Windows 11 Home
Total storage capacity *	2.05 TB	Processor special features	
Storage media *	SSD	Intel Flex Memory Access	✓
Total SSDs capacity	2.05 TB	Intel VT-x with Extended Page Tables (EPT)	✓
Number of SSDs installed	1	CPU configuration (max)	1
SSD capacity	2.05 TB		
SSD interface	PCI Express		
Optical drive type *	✗		

<b>Storage</b>		<b>Processor special features</b>	
Card reader integrated	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Compatible memory cards	MicroSD (TransFlash)	Intel Virtualization Technology (VT-x)	✓
<b>Graphics</b>		<b>Battery</b>	
Discrete graphics card model *	NVIDIA GeForce RTX 4080	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card *	✓	Number of battery cells	4
Discrete graphics card *	✓	Battery capacity *	90 Wh
On-board graphics card model *	Intel® UHD Graphics	Battery life (max)	5 h
Discrete graphics card memory	12 GB	Battery charge indicator	✓
Discrete graphics memory type	GDDR6	<b>Security</b>	
<b>Audio</b>		Cable lock slot	✓
Audio system	True Harmony	Cable lock slot type	Kensington
Number of built-in speakers	2	<b>Weight &amp; dimensions</b>	
Speaker power	330 W	Width	357.8 mm
Built-in microphone	✓	Depth	278.7 mm
Number of microphones	2	Height	26.9 mm
<b>Camera</b>		Weight *	2.6 kg
Front camera	✓	<b>Packaging content</b>	
Front camera resolution	1920 x 1080 pixels	Cables included	AC



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