

Predator Helios 18 PH18-72-96P5 Gaming Laptop

Model: PH18-72-96P5

Part: NH.QSTAA.001

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Tech Specs

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Operating System

Operating System	Windows 11 Home
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Processor

Processor Manufacturer	Intel®
Processor Type	Core™ i9
Processor Model	i9-14900HX
Processor Speed	2.20 GHz
Processor Core	Tetracosa-core (24 Core™)
Processor Generation	14th Gen

Display & Graphics

Graphics Controller Manufacturer	NVIDIA®
Graphics Controller Model	GeForce RTX™ 4090
Graphics Memory Capacity	16 GB
Graphics Memory Technology	GDDR6
Graphics Memory Accessibility	Dedicated
GPU Boost Clock	Up to 1690 MHz
Maximum Graphics Power	Up to 175 W
Screen Size	18"
Display Screen Type	LCD
Display Screen Technology	ComfyView (Matte) In-plane Switching (IPS) Technology
Touchscreen	No
Screen Resolution	2560 x 1600
Tearing Prevention Technology	NVIDIA G-SYNC™
Standard Refresh Rate	250 Hz
Display Features	100% DCI-P3 Color Gamut
Aspect Ratio	16:10

Memory

Total Installed System Memory	64 GB
System Memory Technology	DDR5 SDRAM
Memory Card Reader	Yes
Memory Card Supported	microSD

Storage

Total Solid State Drive Capacity	2 TB
Solid State Drive Interface	PCIe NVMe

SSD Form Factor	M.2
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Network & Communication

Wireless LAN Standard	IEEE 802.11be
Wireless LAN Model	Killer 1750x
Ethernet Technology	Gigabit Ethernet

Built-in Devices

Microphone	Yes
Finger Print Reader	No
Number of Speakers	2

Interfaces/Ports

HDMI	Yes
Number of HDMI Outputs	1
Number of USB 3.2 Gen 1 Type-A Ports	1
Number of USB 3.2 Gen 2 Type-A Ports	2
Total Number of USB Ports	5
USB Type-C	Yes
USB Type-C Detail	USB Type-C port supporting: Two USB Type-C ports, DisplayPort over USB-C, Thunderbolt 4, USB charging 5 V; 3 A, DC-in port 20 V; 65 or 100 W
Network (RJ-45)	Yes

Input Devices

Pointing Device Type	TouchPad
Keyboard	Yes
Keyboard Backlight	Yes
TouchPad Features	Microsoft Precision Touchpad Certification
Keyboard Features	RGB Per Key Backlighting Predator Sense Key Caps Lock Indicator Microphone Mute Indicator Copilot Key

Battery Information

Battery Chemistry	Lithium Ion (Li-Ion)
Maximum Battery Run Time	5.50 Hours
Battery Energy	90 Wh

Power Description

Maximum Power Supply Wattage	330 W
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Physical Characteristics

Weight (Approximate)	7.17 lb
Product Color	Black

Miscellaneous

Package Contents	Predator Helios 18 PH18-72-96P5 Gaming Laptop Lithium Ion Battery AC Adapter Power Cord Predator, Mag Key, MagSpeed and MagClick
Security Features	Kensington lock slot Firmware Trusted Platform Module (TPM) solution BIOS Passwords: User Supervisor

The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.

NVIDIA GPU Boost: <https://www.nvidia.com/en-us/geforce/technologies/gpu-boost/technology/>

Battery life may vary depending on model and configuration. Actual battery life varies by model, configuration (including storage capacity, RAM capacity, processor in use, display type and resolution, etc.), applications, power management settings, operating conditions, and utilized features.

Maximum Graphics Power is the highest GPU subsystem power supported in any mode, including Dynamic Boost 2.0 power transfer. The data listed is in accordance with NVIDIA guidelines and differs per system and GPU.

Specifications may vary depending on model and/or region.

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