

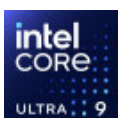


Predator Helios 18 AI

PH18-73-97VL



- Processor: Intel® Core™ Ultra 9 Processor 275HX
- Display: 18" Acer ComfyView™ WQXGA Mini LED 250Hz IPS (non-glare)
- Memory: 32 GB DDR5 RAM
- Mass storage: 1.000 GB M.2 PCIe Gen5 SSD
- Graphics card: NVIDIA® GeForce RTX™ 5080
- Operating system: Windows 11 Home (64 Bit)





Acer PH18-73-97VL

SPECIFICATIONS



Ordering Information

Series	Predator Helios 18 AI
Model	PH18-73-97VL
Article number	NH.QVYEG.00U
EAN	4711721233702
Short description	18" Acer ComfyView™ WQXGA Mini LED 250Hz IPS (non-glare) / Intel® Core™ Ultra 9 Processor 275HX / 32 GB DDR5 RAM / 1.000 GB M.2 PCIe Gen5 SSD / NVIDIA® GeForce RTX™ 5080 / Windows 11 Home [64 Bit] / Abyssal Black

Operating System

Operating System	Windows 11 Home [64 Bit]
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Housing

Housing colour	Abyssal Black
Component door	-
Dimensions	404.0 x 311.6 x 28.9 mm (W x D x H)
Weight	3.2 kg
Passively cooled (fanless)	-

Display

Display size	18 Inch [45.72 cm]
Display type	Acer ComfyView™ WQXGA Mini LED 250Hz IPS Display (non-glare)
Display resolution in pixel	2560 x 1600
Aspect ratio	16:10

Processor

Processor	Intel® Core™ Ultra 9 Processor 275HX
Clock frequency	2.1 GHz base clock (Up to 5.4 GHz max. max clock)
Cache	36 MB
Processing cores / threads	8 performance-cores + 16 efficient-cores / 24 threads
NPU	Intel® AI Boost (Up to 13 TOPS)

Storage and drives

Memory	32 GB DDR5 RAM
Memory configuration	2 x 16 GB DDR5 RAM
Maximum RAM	Up to 192 GB DDR5 RAM (4x 48 GB soDIMM)
Mass storage	1.000 GB M.2 PCIe Gen5 SSD

Graphics card

Graphics card	NVIDIA® GeForce RTX™ 5080
Graphics card memory dedicated	16 GB GDDR7 VRAM

Connections

LAN	Killer™ Ethernet E5000B
Wireless LAN	Killer™ Wi-Fi 7 1750x (802.11 a/b/g/n/ac/ax/be)
Wireless WAN / SIM-Card	-
Wireless Gigabit	-
Bluetooth	Bluetooth® 5.4
NFC	-

IO ports

HDMI	1x HDMI® 2.1
Displayport	via USB Type-C
Thunderbolt	Thunderbolt™ 5 (via USB Type-C)
USB 3.2	3x (2x Type-A Gen 2 (1x with Power-Off USB Charging); 1x Type-A Gen 1)
USB 3.1	-
USB 3.0	-
USB 2.0	-
USB 4.0	2x (Type-C Thunderbolt™ 5)
USB Power Delivery	Yes
Ethernet (RJ-45)	Yes
Cardreader	-
Smart card reader	-
Audio port	1x 3.5 mm speaker/headphone/line-out (supports headsets with integrated microphone)
Docking port	-



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Input

Keyboard	Acer FineTip RGB mini-LED Per-Key keyboard
Keyboard layout	German (QWERTZ)
Backlit keyboard	Yes (Per-Key RGB backlit)
Touchpad	Multi-Gesture Corning® Gorilla® Glass TouchPad (Microsoft Precision Touchpad Certification)

Security

Fingerprint sensor	-
Kensington Lock	Yes
Security software	-

Audio and video

Audio	DTS® X:Ultra Audio, Acer TrueHarmony, Acer Purified.Voice, AI noise reduction
Speaker	six built-in stereo speakers
Microphone	three built-in microphones
Webcam	FHD Webcam

Battery and power adapter

Battery	Li-Ion (4 cells / 6578 mAh / 99.98 Wh)
Battery lifetime	Up to 5.5 hours (based on video playback test results)
Power adapter	400W adapter
Battery built in	-
Minimum charging power	90 W
Maximum charging power	100 W

Software

Office	1 month trial for new Microsoft 365 customers. 3 months Gamepass. Credit card required
Other software	PredatorSense™

Special features

Special features	Copilot+ ready, FHD webcam, mini LED display, aluminum A cover, Thunderbolt™ 5, 6th generation Aeroblade 3D cooling, Liquid Metal, Vector heat pipe, Predator Premium Service
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Warranty

Warranty	2-year mail-in/return service
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Logistics

Quantity per layer	16
Quantity per europallet	32
Quantity per tower	64
Quantity per container	704
Carton dimensions / weight	597.0 x 425.0 x 98.0 mm (W x D x H) / 7.81 kg

IO ports

Special accessories included	Predator MagKey 4.0 Box (for the WASD and arrow keys), Thermal Pad Upgrade Kit
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