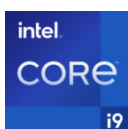




Acer Predator Helios Neo 18 (PHN18-71-9358)



- Processor: Intel® Core™ i9-14900HX
- Display: 18" Acer ComfyView™ WQXGA IPS 240Hz (non-glare)
- Memory: 32 GB DDR5 RAM
- Mass storage: 2x 1.000 GB PCIe SSD
- Graphics card: NVIDIA® GeForce RTX™ 4070
- Operating system: Windows 11 Home (64 Bit)





Acer PHN18-71-9358

SPECIFICATIONS



Ordering Information

Series	Acer Predator Helios Neo 18
Model name	PHN18-71-9358
Part number	NH.QR5EZ.002
EAN	4711121993572
Short description	18" Acer ComfyView™ WQXGA IPS 240Hz (non-glare) / Intel® Core™ i9-14900HX / 32 GB DDR5 RAM / 2x 1.000 GB PCIe SSD / NVIDIA® GeForce RTX™ 4070 / Windows 11 Home (64 Bit)

Operating System

Operating System	Windows 11 Home (64 Bit)
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Housing

Housing / Color	-
Component door	-
Dimensions	404.0 x 312.08 x 29.15 mm (W x D x H)
Weight	3.4 kg
Passively cooled (fanless)	-

Display

Display size	18 inches (45.72 cm)
Display type	Acer ComfyView™ WQXGA IPS 240Hz Display with LED-Backlight (non-glare)
Display resolution in pixel	2560 x 1600
Aspect ratio	16:10

Processor and chipset

Processor	Intel® Core™ i9-14900HX Processor
Clock frequency	2.2 GHz base clock (Up to 5.8 GHz max. performance clock rate)
Cache	36 MB Intel® Smart Cache
Processing cores / threads	8 Performance-cores + 16 Efficient-cores / 32 Threads
Chipset	-

Storage and drives

Memory	32 GB DDR5 RAM
Memory configuration	2 x 16 GB DDR5 RAM
Maximum RAM	-
Mass storage	2x 1.000 GB M.2 PCIe Solid-State-Drive (SSD) RAID

Graphics card

Graphics card	NVIDIA® GeForce RTX™ 4070
Graphics card memory dedicated	8 GB GDDR6 VRAM

Connections

LAN	Killer™ Gigabit Ethernet E3100G
Wireless LAN	Intel® Wi-Fi 6E (802.11 ax)
Wireless WAN / SIM-Card	-
Wireless Gigabit	-
Bluetooth	Bluetooth® 5.3
NFC	-

IO ports

HDMI	1x HDMI@ 2.1
VGA	-
Displayport	via USB Type-C
Thunderbolt	Thunderbolt™ 4 (via USB Type-C)
USB 3.2	5x (2x USB Type-C Thunderbolt™ 4, 1x USB Type-A Gen 1, 2x USB Type-A Gen 2 [1x with Power-Off USB Charging])
USB 3.1	-
USB 3.0	-
USB 2.0	-
USB 4.0	-
Ethernet (RJ-45)	Yes
Cardreader	MicroSD Card reader
Audio port	1x 3.5 mm speaker/headphone/line-out (supports headsets with integrated microphone)
Docking port	-



Acer PHN18-71-93S8

SPECIFICATIONS

Input

Keyboard	Acer FineTip RGB keyboard with numpad
Keyboard layout	Swiss
Backlit keyboard	RGB
Touchpad	Multi-Gesture 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, AI noise reduction compatible with Cortana with Voice
Speaker	two built-in stereo speakers
Microphone	dual built-in microphones
Webcam	-

Battery and power adapter

Battery	Li-Ion battery (4 cells / 90 Wh)
Battery lifetime	Up to 6 hours (based on video playback test results)
Power adapter	330 watt power supply
Battery built in	-

Software

Office	1 month trial for new Microsoft 365 customers. Credit card required
Other software	PredatorSense™, Planet9

Warranty

Warranty	2-year mail-in/return service
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