Acer Predator Helios 16

(PH16-71-93LF)



- Processor: Intel® Core™ i9 13900HX
- Display: Acer ComfyView™ WQXGA IPS 250 Hz Mini LED Display (non-glare)
- Memory: 32 GB DDR5 RAM
- Mass storage: 1.000 GB M.2 PCIe Gen4 SSD
- Graphics card: NVIDIA® GeForce RTX™ 4080
- Operating system: Windows 11 Home (64 Bit)

Card Reader

Acer PH16-71-93LF SPECIFICATIONS





Ordering Information

Series	Acer Predator Helios 16
Model name	PH16-71-93LF
Part number	NH.QJSEZ.004
EAN	4711121496172
Short description	Acer ComfyView™ WQXGA IPS 250 Hz Mini LED Display (non-glare) / Intel® Core™ i9 13900HX / 32 GB DDR5 RAM / 1.000 GB M.2 PCIe Gen4 SSD / NVIDIA® GeForce RTX™ 4080 / Win 11 (64 Bit) / Black

Operating System

Operating System	Windows 11 Home (64 Bit)

Housing

Housing / Color	Black
Component door	-
Dimensions	357.78 x 278.74 x 26.90 mm (W x D x H)
Weight	2.7 kg
Passively cooled (fanless)	-

Display

Display size	16 Inch (40,64 cm)
Display type	Acer ComfyView™ WQXGA IPS 250 Hz Mini LED Display (non-glare)
Display resolution in pixel	2560 x 1600
Aspect ratio	16:10

Processor and chipset

Processor	Intel® Core™ i9 13900HX Processor
Clock frequency	2.2 GHz (Up to 5.4 GHz with Intel® Turbo Boost Technology 3.0)
Cache	36 MB 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	Up to 32 GB DDR5 RAM
Mass storage	1.000 GB M.2 PCIe Gen4 Solid-State-Drive (SSD)
Optical drive	-

Graphics card

Graphics card	NVIDIA® GeForce RTX™ 4080
Graphics card memory dedicated	12 GB GDDR6 VRAM
Maximum Graphic Power	175
Maximum Boost Frequency	1930

Connections

LAN	Killer™ Ethernet E2600
Wireless LAN	Intel® Killer™ Wireless Wi-Fi 6E 1675i
Wireless WAN / SIM-Card	-
Wireless Gigabit	-
Bluetooth	Bluetooth® 5.2
NFC	-

IO ports

HDMI	1x HDMI® 2.1 with HDCP support
VGA	-
Displayport	via USB Type-C
Thunderbolt	Thunderbolt™ 4 (via USB Type-C)
USB 3.2	5x (1x Type-A Gen 1; 2x Type-A Gen 2 (1x with Power-Off USB Charging); 2x Type-C Gen 2)
USB 3.1	-
USB 3.0	-
USB 2.0	-
USB 4.0	-
Ethernet (RJ-45)	Yes
Cardreader	MicroSD Card reader
Audio port	1x speaker/headphone/line-out (supports headsets with built-in microphone)
Docking port	-

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Input

Keyboard	Acer FineTip RGB keyboard (103/104/107 keys)
Keyboard layout	Swiss
Backlit keyboard	Yes (RGB)
Touchpad	Multi-Gesture Touchpad (Corning® Gorilla® Glass)

Security

Fingerprint sensor	-
Kensington Lock	Yes
Security software	-

Audio and video

Audio	DTS® X, Acer Purified, Acer True-Harmony, compatible with Cortana with Voice
Speaker	internal speakers
Microphone	dual built-in microphones
Webcam	FHD Webcam

Battery and power adapter

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

Software

Office	1 month trial for new Microsoft 365 customers. Credit card required

Special features

Special features	FHD webcam, 5th Gen Aeroblade 3D Fan, Liquid Metal, Predator Premium Service

Warranty

Warranty	2-year mail-in/return service

Logistics

Quantity per layer	16
Quantity per europallet	48
Quantity per tower	80
Quantity per container	880
Carton dimensions / weight	551.0 x 392.0 x 97.0 mm (W x D x H) / 5.68 Kg

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