

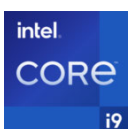


Acer Predator Helios 18

(PH18-71-998G)



- Processor: Intel® Core™ i9 13900HX
- Display: Acer ComfyView™ WQXGA IPS 240Hz Display
- Memory: 32 GB DDR5 RAM
- Mass storage: 2000 GB PCIe SSD
- Graphics card: NVIDIA® GeForce RTX™ 4080
- Operating system: Windows 11 Home (64 Bit)





Acer PH18-71-998G

SPECIFICATIONS



Ordering Information

| | |
|-------------------|---|
| Series | Acer Predator Helios 18 |
| Model name | PH18-71-998G |
| Part number | NH.QKREZ.001 |
| EAN | 4711121432101 |
| Short description | Acer ComfyView™ WQXGA IPS 240Hz Display / Intel® Core™ i9 13900HX / 32 GB DDR5 RAM / 2000 GB PCIe 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 | 405.0 x 311.61 x 29.5 mm (W x D x H) |
| Weight | 3.25 kg |
| Passively cooled (fanless) | - |

Display

| | |
|-----------------------------|--|
| Display size | 18 Inch (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 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 | 2000 GB M.2 PCIe 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® Wi-Fi 6E + BT 802.11 ax/ac/a/b/g/n |
| Wireless WAN / SIM-Card | - |
| Wireless Gigabit | - |
| Bluetooth | Bluetooth® 5.2 |
| NFC | - |

IO ports

| | |
|------------------|---|
| HDMI | 1x HDMI® 2.1 port with HDCP support |
| VGA | - |
| Displayport | via USB Type-C |
| Thunderbolt | 2x 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 | - |
| Ethernet (RJ-45) | Yes |
| Cardreader | MicroSD Card reader |
| Audio port | 1x speaker/headphone/line-out [supports headsets with built-in microphone 3.5mm port] |
| Docking port | - |



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SPECIFICATIONS

Input

| | |
|------------------|--|
| Keyboard | Acer FineTip RGB keyboard (103/104/107 keys) |
| Keyboard layout | Swiss |
| Backlit keyboard | Yes (RGB) |
| Touchpad | Corning® Gorilla® Glass multi-gesture touchpad |

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 | TBD |
| Power adapter | 330 watt power supply |
| Battery built in | - |

Software

| | |
|----------------|--|
| Office | Microsoft Office 2019 shortcut (Download-Link for 30 Days Trial) |
| Other software | Acer Care Center, PredatorSense |

Special features

| | |
|------------------|--|
| Special features | 5th Gen Aeroblade 3D Fan, Liquid Metal, Predator Premium Service |
|------------------|--|

Warranty

| | |
|----------|-------------------------------|
| Warranty | 2-year mail-in/return service |
|----------|-------------------------------|

Logistics

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|----------------------------|---|
| 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) / 6.54 Kg |

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