

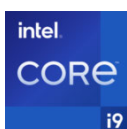


# Acer Predator Helios 18

[PH18-71-93CJ]



- Processor: Intel® Core™ i9 13900HX
- Display: Acer ComfyView™ WQXGA Mini LED 240Hz IPS Display (non-glare)
- 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 PH18-71-93CJ

## SPECIFICATIONS



### Ordering Information

|                   |                                                                                                                                                                                  |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Series            | Acer Predator Helios 18                                                                                                                                                          |
| Model name        | PH18-71-93CJ                                                                                                                                                                     |
| Part number       | NH.QKREG.005                                                                                                                                                                     |
| EAN               | 4711121493607                                                                                                                                                                    |
| Short description | Acer ComfyView™ WQXGA Mini LED 240Hz IPS Display (non-glare) / 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 Mini LED 240Hz IPS 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         | 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® Killer™ Wireless Wi-Fi 6E 1675i |
| 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          | -                                                                                       |
| USB 4.0          | -                                                                                       |
| 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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### Input

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

### Security

|                    |     |
|--------------------|-----|
| Fingerprint sensor | -   |
| Kensington Lock    | Yes |
| Security software  | -   |

### Audio and video

|            |                                                                                     |
|------------|-------------------------------------------------------------------------------------|
| Audio      | DTS® X, Acer Purified, Acer True-<br>Harmony, compatible with Cortana<br>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 Mobile-<br>Mark® 2018 test results) |
| Power adapter    | 330 watt power supply                                       |
| Battery built in | -                                                           |

### Software

|                |                                                                        |
|----------------|------------------------------------------------------------------------|
| Office         | 1 month trial for new Microsoft 365<br>customers. Credit card required |
| Other software | Acer Care Center, PredatorSense                                        |

### Special features

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

### Warranty

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

### 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<br>H) / 6.54 Kg |

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