



Acer Predator PH18-72 Intel® Core™ i9 i9-14900HX Laptop 45.7 cm (18") WQXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4090 Wi-Fi 6 (802.11ax) Windows 11 Home Black

Brand : Acer

Product family: Predator

Product code: NH.QP4EK.003

Product name : PH18-72



- Windows 11 Home 64-bit
- Intel Core i9-14900HX (36MB Cache)
- 45.7 cm (18") WQXGA 2560 x 1600, NVIDIA GeForce RTX 4090 (16GB GDDR6)
- 32GB DDR5-SDRAM & 2000GB SSD

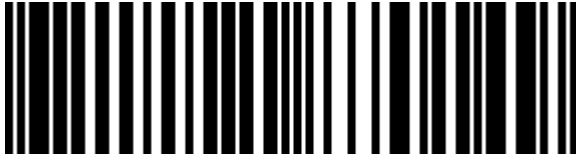
Intel Core i9-14900HX (36MB Cache), 32GB DDR5-SDRAM, 2000GB SSD, 45.7 cm (18") WQXGA 2560 x 1600, Intel UHD Graphics, NVIDIA GeForce RTX 4090 (16GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

Acer Predator PH18-72. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-14900HX. Display diagonal: 45.7 cm (18"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4090. Operating system installed: Windows 11 Home. Product colour: Black



| Design | | Graphics | |
|--------------------------------------|----------------------------|---|---------------------|
| Product type * | Laptop | On-board GPU manufacturer | Intel |
| Product colour * | Black | Discrete graphics card * | ✓ |
| Form factor * | Clamshell | On-board graphics card family | Intel® UHD Graphics |
| Market positioning | Gaming | On-board graphics card model * | Intel® UHD Graphics |
| Display | | Audio | |
| Display diagonal * | 45.7 cm (18") | Audio system | DTS:X Ultra |
| Display resolution * | 2560 x 1600 pixels | Number of built-in speakers | 2 |
| Touchscreen * | ✗ | Built-in microphone | ✓ |
| HD type | WQXGA | Camera | |
| LED backlight | ✓ | Front camera | ✓ |
| Native aspect ratio | 16:10 | Network | |
| Processor | | Top Wi-Fi standard * | Wi-Fi 6 (802.11ax) |
| Processor manufacturer * | Intel | Wi-Fi standards | Wi-Fi 6 (802.11ax) |
| Processor family * | Intel® Core™ i9 | Mobile network connection * | ✗ |
| Processor generation | Intel® Core™ i9 (14th gen) | Ethernet LAN | ✓ |
| Processor model * | i9-14900HX | Ethernet LAN data rates | 10,100,1000 Mbit/s |
| Processor cores | 24 | Bluetooth | ✓ |
| Processor threads | 32 | Ports & interfaces | |
| Processor boost frequency | 5.8 GHz | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1 |
| Performance cores | 8 | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 2 |
| Efficient cores | 16 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 2 |
| Performance-core Max Turbo Frequency | 5.8 GHz | Ethernet LAN (RJ-45) ports | 1 |
| Efficient-core Max Turbo Frequency | 4.1 GHz | HDMI ports quantity * | 1 |
| Performance-core base frequency | 2.2 GHz | Combo headphone/mic port | ✓ |
| Efficient-core base frequency | 1.6 GHz | Charging port type | DC-in jack |
| Processor cache | 36 MB | Keyboard | |
| Processor cache type | Smart Cache | Pointing device | Touchpad |
| Processor base power | 55 W | Numeric keypad * | ✓ |
| Maximum turbo power | 157 W | Keyboard backlight | ✓ |
| Memory | | Keyboard backlight colour | RGB |
| Internal memory * | 32 GB | | |
| Internal memory type | DDR5-SDRAM | | |
| Storage | | | |
| Total storage capacity * | 2 TB | | |

| Storage | | Software | |
|--------------------------------|-------------------------|--------------------------------|------------------------|
| Storage media * | SSD | Operating system architecture | 64-bit |
| Total SSDs capacity | 2 TB | Operating system installed * | Windows 11 Home |
| Number of SSDs installed | 1 | Battery | |
| SSD capacity | 2 TB | Battery technology | Lithium-Ion (Li-Ion) |
| Optical drive type * | ✗ | Battery capacity * | 90 Wh |
| Card reader integrated | ✓ | Battery charge indicator | ✓ |
| Compatible memory cards | MicroSD (TransFlash) | Security | |
| Graphics | | Cable lock slot | ✓ |
| Discrete GPU manufacturer | NVIDIA | Cable lock slot type | Kensington |
| Discrete graphics card model * | NVIDIA GeForce RTX 4090 | Password protection | ✓ |
| Discrete graphics card memory | 16 GB | Password protection type | BIOS, Supervisor, User |
| Discrete graphics memory type | GDDR6 | Weight & dimensions | |
| On-board graphics card * | ✓ | Width | 404 mm |
| | | Depth | 311.6 mm |
| | | Height | 28.9 mm |
| | | Weight * | 3.25 kg |
| | | Packaging content | |
| | | Cables included | AC |



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