



# Acer Predator Helios 18

(PH18-72-9555)



- Processor: Intel® Core™ i9-14900HX
- Display: 18" Acer ComfyView™ WQXGA Mini LED 250Hz IPS (non-glare)
- Memory: 32 GB DDR5 RAM
- Mass storage: 4.000 GB PCIe SSD
- Graphics card: NVIDIA® GeForce RTX™ 4090
- Operating system: Windows 11 Home (64 Bit)





## Acer PH18-72-9555

## SPECIFICATIONS



### Ordering Information

Series	Acer Predator Helios 18
Model name	PH18-72-9555
Part number	NH.QP4EX.004
EAN	4711121865855
Short description	18" Acer ComfyView™ WQXGA Mini LED 250Hz IPS (non-glare) / Intel® Core™ i9-14900HX / 32 GB DDR5 RAM / 4.000 GB PCIe SSD / NVIDIA® GeForce RTX™ 4090 / Windows 11 Home (64 Bit) / Abyssal Black

### Operating System

Operating System	Windows 11 Home (64 Bit)
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### Housing

Housing / Color	Abyssal Black
Component door	-
Dimensions	404.0 x 311.6 x 28.9 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 250Hz IPS Display (non-glare)
Display resolution in pixel	2560 x 1600
Aspect ratio	16:10

### Processor

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
NPU	-

### Storage and drives

Memory	32 GB DDR5 RAM
Memory configuration	2 x 16 GB DDR5 RAM
Maximum RAM	Up to 32 GB DDR5 RAM (2x 16 GB soDIMM)
Mass storage	4.000 GB M.2 PCIe Solid-State-Drive (SSD)

### Graphics card

Graphics card	NVIDIA® GeForce RTX™ 4090
Graphics card memory dedicated	16GB GDDR6 VRAM
Maximum Graphic Power	175
Maximum Boost Frequency	1690

### Connections

LAN	Killer™ Gigabit Ethernet E3100G
Wireless LAN	Killer™ Wi-Fi 7 1750x(802.11 a/b/g/n/ac/ax/be)
Wireless WAN / SIM-Card	-
Wireless Gigabit	-
Bluetooth	Bluetooth® 5.3
NFC	-

### IO ports

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



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Input		Accessories and service	
Keyboard	Acer FineTip RGB Per-Key keyboard (100% Anti-ghosting)	Special accessories included	Predator MagKey 3.0 eight-in-one box (for the WASD keys), two interchangeable air outlets for additional customization
Keyboard layout	US International/Bulgarian		
Backlit keyboard	Yes (Per-Key RGB backlight)		
Touchpad	Multi-Gesture Corning® Gorilla® Glass Touchpad		
Security			
Fingerprint sensor	-		
Kensington Lock	Yes		
Security software	Trusted Platform Module (TPM)		
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	FHD Webcam		
Battery and power adapter			
Battery	Li-Ion battery (4 cells / 90 Wh)		
Battery lifetime	Up to 5 hours		
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, Acer Product Registration, Acer QuickPanel		
Special features			
Special features	FHD webcam, Infinity Mirror, MegKey 3.0, 2x 5th Gen Aeroblade 3D Fan, Liquid Metal, Vecotr heat pipe, Predator Premium Service		
Warranty			
Warranty	1 year carry in warranty (1st year International Travelers Warranty)		
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 H) / 6.53 kg		

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