Acer Predator Helios 18

(PH18-71-764U)



- Processor: Intel® Core™ i7 13700HX
- Display: Acer ComfyView™ WQXGA IPS 165 Hz display (non-glare)
- Memory: 32 GB DDR5 RAM
- Mass storage: 2000 GB PCIe SSD
- Graphics card: NVIDIA® GeForce RTX™ 4070
- Operating system: Windows 11 Home (64 Bit)

Acer PH18-71-764U SPECIFICATIONS





Ordering Information

Series	Acer Predator Helios 18
Model name	PH18-71-764U
Part number	NH.QKSEZ.001
EAN	4711121432088
Short description	Acer ComfyView™ WQXGA IPS 165 Hz display (non-glare) / Intel® Core™ i7 13700HX / 32 GB DDR5 RAM / 2000 GB PCIe SSD / NVIDIA® GeForce RTX™ 4070 / 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 165 Hz display with LED backlight (non-glare)
Display resolution in pixel	2560 x 1600
Aspect ratio	16:10

Processor and chipset

Processor	Intel® Core™ i7 13700HX Processor
Clock frequency	2.1 GHz (up to 5.0 GHz with Intel® Turbo Boost Max Technology 3.0)
Cache	30 MB Smart Cache
Processing cores / threads	8 Performance-cores + 8 Efficient-cores / 24 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™ 4070
Graphics card memory dedicated	8 GB GDDR6 VRAM
Maximum Graphic Power	140
Maximum Boost Frequency	2080

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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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

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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