



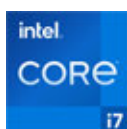
Acer Predator Helios 18

[PH18-71-78KJ]



- Processor: Intel® Core™ i7 13700HX
- Display: 18" Acer ComfyView™ WQXGA IPS 165 Hz (non-glare)
- Memory: 32 GB DDR5 RAM
- Mass storage: 1.000 GB M.2 PCIe Gen4 SSD
- Graphics card: NVIDIA® GeForce RTX™ 4070
- Operating system: Windows 11 Home (64 Bit)

165_{HZ}



IPS
In-Plane Switching





Acer PH18-71-78KJ

SPECIFICATIONS



Ordering Information

Series	Acer Predator Helios 18
Model name	PH18-71-78KJ
Part number	NH.QKSEG.007
EAN	4711121824630
Short description	18" Acer ComfyView™ WQXGA IPS 165 Hz (non-glare) / Intel® Core™ i7 13700HX / 32 GB DDR5 RAM / 1.000 GB M.2 PCIe Gen4 SSD / NVIDIA® GeForce RTX™ 4070 / Windows 11 Home (64 Bit) / Black

Operating System

Operating System	Windows 11 Home (64 Bit)
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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	1.000 GB M.2 PCIe Gen4 Solid-State-Drive (SSD)

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® 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 (103/104/107 keys)
Keyboard layout	German (QWERTZ)
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	Up to 4 hours (based on Mobile- Mark® 2018 test results)
Power adapter	330 watt power supply
Battery built in	-

Software

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

Special features

Special features	FHD webcam, 5th Gen AeroBlade 3D Fan, Liquid Metal, Predator Pre- mium Service
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Warranty

Warranty	2-year mail-in/return service
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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

Accessories and service

Special accessories included	two interchangeable air outlets for additional customization
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