



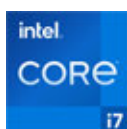
Predator Helios Neo 16

[PHN16-71-702Z]



- Processor: Intel® Core™ i7 13700HX
- Display: Acer ComfyView™ WUXGA 165Hz IPS display (non-glare)
- Memory: 16 GB DDR5 RAM
- Mass storage: 1.000 GB PCIe SSD
- Graphics card: NVIDIA® GeForce RTX™ 4060
- Operating system: Windows 11 Home (64 Bit)

165_{HZ}



IPS
In-Plane Switching



Acer PHN16-71-702Z

SPECIFICATIONS



Ordering Information

Series	Predator Helios Neo 16
Model name	PHN16-71-702Z
Part number	NH.QLUEG.003
EAN	4711121520082
Short description	Acer ComfyView™ WUXGA 165Hz IPS display (non-glare) / Intel® Core™ i7 13700HX / 16 GB DDR5 RAM / 1.000 GB PCIe SSD / NVIDIA® GeForce RTX™ 4060 / Win 11 (64 Bit) / Black

Operating System

Operating System	Windows 11 Home (64 Bit)
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Housing

Housing / Color	Black
Component door	-
Dimensions	-
Weight	-
Passively cooled (fanless)	-

Display

Display size	-
Display type	Acer ComfyView™ WUXGA 165Hz IPS display with LED backlight and 100% sRGB (non-glare)
Display resolution in pixel	1920 x 1200
Aspect ratio	-

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	16 GB DDR5 RAM
Memory configuration	2 x 8 GB DDR5 RAM
Maximum RAM	32 GB DDR5 RAM (2x 16 GB soDIMM)
Mass storage	1.000 GB M.2 PCIe Solid-State-Drive (SSD)
Optical drive	-

Graphics card

Graphics card	NVIDIA® GeForce RTX™ 4060
Graphics card memory dedicated	8 GB GDDR6 VRAM

Connections

LAN	Killer™ Ethernet E2600
Wireless LAN	Killer™ Wi-Fi 6 AX1650i
Wireless WAN / SIM-Card	-
Wireless Gigabit	-
Bluetooth	Bluetooth® 5.1
NFC	-

IO ports

HDMI	-
VGA	-
Displayport	-
Thunderbolt	-
USB 3.2	-
USB 3.1	-
USB 3.0	-
USB 2.0	-
Ethernet (RJ-45)	-
Cardreader	MicroSD Card reader
Audio port	-
Docking port	-

Input

Keyboard	-
Keyboard layout	German (QWERTZ)
Backlit keyboard	Yes (RGB)
Touchpad	-



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Security

Fingerprint sensor	-
Kensington Lock	-
Security software	-

Audio and video

Speaker	-
Microphone	-
Webcam	HD Webcam

Battery and power adapter

Battery	Li-Ion battery (4 cells / 90 Wh)
Battery lifetime	Up to 6.5 hours (based on Mobile-Mark® 2018 test results)
Power adapter	330 watt power supply
Battery built in	-

Software

Office	Microsoft Office 2019 shortcut (Download-Link for 30 Days Trial)
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Warranty

Warranty	2-year mail-in/return service
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Logistics

Quantity per layer	20
Quantity per europallet	60
Quantity per tower	100
Quantity per container	1100
Carton dimensions / weight	543,0 x 341,0 x 80,0 mm (B x T x H) / 4 Kg

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