



Part Number:	NH.QX7ED.007
EAN Code:	4711474409928
Country:	Nordic
Model Name:	Predator Helios Neo 16S AI PHN16S-71-901P

General	Type:	Notebook Gaming
	Operating System:	Windows 11 Home
	Copilot+ PC:	N
Processor / Chipset	CPU:	Intel® Core™ Ultra 9 275HX
	Core/Thread:	24/24
	Frequency:	2.1 GHz
	Turbo:	5.4 GHz
	Cache:	40 MB
	Chipset:	Intel® HM870
	Integrated Graphic Card:	Intel® Arc™ Graphics
	NPU:	Y
	NPU TOPS:	13
Memory	RAM:	32 GB DDR5
	Total Memory Slots:	2
	Empty Slot:	0
	Dual Channel:	Y
Storage	Storage 1:	1 TB PCIe NVMe SED SSD
	Storage 2:	N
Display	Panel Description:	16" OLED 165Hz
	Aspect Ratio:	16:10
	Resolution:	2560 x 1600
	Glare:	Y
	Brightness:	500 cd/m <sup>2</sup>
	Frequency:	165 Hz
	Contrast:	1000000:1
	Curved:	N
	Color Accuracy:	DCI-P3 100%
	Response Time:	0.2 ms
	Display Type:	OLED
HDR:	HDR True Black 600	
Video	Discrete Graphic Card:	Y
	Brand:	Nvidia
	Videochip:	GeForce® RTX 5070 Ti
	Memory:	12 GB GDDR7
	Boost Clock:	N/A
	MGP:	N/A
GPU TOPS:	992	
Sound	Speakers:	Two built-in stereo speakers
	Microphone:	Acer Purified. Voice technology with AI noise reduction in 3 mics array built-in microphones to support Advanced Privacy Mode.
	Audio Chip:	DTS® X:Ultra Audio
Webcam	Front Camera:	FHD IR webcam
	Rear Camera:	N
Wireless Connection	Wireless LAN:	Killer™ Wi-Fi 6E AX (2x2) + BT
	Bluetooth®:	Bluetooth® 5.2
	Mobile Connectivity:	N

I/O ports and Keyboard	HDMI:	1
	DisplayPort:	0
	Ethernet (RJ-45) Port:	N
	Fingerprint Reader:	N
	Card Reader:	Micro SD card reader
	USB:	2 x USB Type-C™ + 3 x USB 3.2
	USB Remark:	USB Type-C™ (Thunderbolt™ 4) port: USB 3.2 Gen 2 (up to 10Gbps) with DisplayPort, USB charging and DC-in port
	Audio Jack:	3.5 mm headset/speaker jack
	Backlit Keyboard:	4-Zone RGB Backlit
	Simcard:	N
Battery and Adapter	Battery:	76 Wh Li-ion battery
	Battery Life (Up to):	5 hours
	Battery Weight:	N/A
	CMOS Battery:	N/A
	CMOS Battery Weight:	N/A
	AC Adapter:	230 W adapter
System properties	Dimension:	356,78 (W) x 275,5 (D) x 12/19.97-12/18.97 (H) mm
	Weight:	2,3 kg
	Box dimension:	8 (W) x 54,3 (D) x 34,1 (H) mm
	Box Weight:	4,14 kg
	Color:	Shale Black
	Material:	Anodized Aluminium
Sensor	Sensor:	N
System Compliance	System Compliance:	N
Software and Security	Security Solution:	N
	Productivity Software:	N
Accessories	Included:	N/A
Warranty	System Warranty:	TBD

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- Pictures are intended simply to illustrate the product.
- While every effort has been made to ensure the accuracy of this information, errors or omissions may occur.