



## Acer Predator PHN16-73-98MC Intel Core Ultra 9 275HX Laptop 40.6 cm (16") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Ti Wi-Fi 6E (802.11ax) Windows 11 Pro Black

**Brand :** Acer

**Product family:** Predator

**Product code:** NH.U0UAA.004

**Product name :**  
PHN16-73-98MC



16" 2560 x 1600 WQXGA, Intel Core Ultra 9 275HX, 32 GB DDR5-SDRAM, 1 TB SSD, NVIDIA GeForce RTX 5070 Ti, Intel Graphics, WLAN 802.11, WebCam, Windows 11 Pro  
Acer Predator PHN16-73-98MC. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 275HX. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Graphics, Discrete graphics card model: NVIDIA GeForce RTX 5070 Ti. Operating system installed: Windows 11 Pro. Product colour: Black

Design		Graphics	
Product type *	Laptop	Discrete graphics card memory	12 GB
Product colour *	Black	Discrete graphics memory type	GDDR7
Form factor *	Clamshell	On-board graphics card *	✓
Market positioning	Gaming	On-board GPU manufacturer	Intel
Original brand name	Acer	Discrete graphics card *	✓
Display		On-board graphics card family	Intel Graphics
Display diagonal *	40.6 cm (16")	On-board graphics card model *	Intel Graphics
Display resolution *	2560 x 1600 pixels	On-board graphics card cores	4
Touchscreen *	✗	On-board graphics card 4K support	✓
HD type	WQXGA	On-board graphics card 8K support	✓
Panel type	IPS	Graphics card Open GL support	✓
Display technology marketing name	ComfyView	Audio	
Native aspect ratio	16:10	Number of built-in speakers	2
Display surface	Matt	Built-in microphone	✓
Display diagonal (metric)	40.6 cm	Camera	
Maximum refresh rate	240 Hz	Front camera	✓
Processor		Network	
Processor manufacturer *	Intel	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor family *	Intel Core Ultra 9	Mobile network connection *	✗
Processor generation	Intel Core Ultra (Series 2)	WLAN controller model	Killer Wi-Fi 6E 1675i
Processor model *	275HX	WLAN controller manufacturer	Killer
Processor cores	24	Ethernet LAN	✓
Processor threads	24	Ethernet LAN data rates	5000 Mbit/s
Processor boost frequency	5.4 GHz	Bluetooth	✓
Performance cores	8	Bluetooth version	5.4
Efficient cores	16	Ports & interfaces	
Performance-core Max Turbo Frequency	5.4 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Efficient-core Max Turbo Frequency	4.6 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Performance-core base frequency	2.7 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Efficient-core base frequency	2.1 GHz		
Processor cache	36 MB		
Processor cache type	Smart Cache		
L2 cache	40 MB		

Processor		Ports & interfaces	
Processor base power	55 W	Ethernet LAN (RJ-45) ports	1
Maximum turbo power	160 W	HDMI ports quantity *	1
Neural processor unit (NPU)		Headphone outputs	1
Neural processor unit (NPU)	Intel AI Boost	Keyboard	
Sparsity support	✓	Pointing device	Touchpad
Windows Studio effects support	✓	Numeric keypad *	✓
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, WebNN, Windows ML	Keyboard backlit	✓
Total processor performance up to NPU performance up to	36 TOPs 13 TOPs	Keyboard backlit colour	RGB
Memory		Keyboard backlit zone	4-zone RGB
Internal memory *	32 GB	Copilot key	✓
Internal memory type	DDR5-SDRAM	Software	
Memory form factor	SO-DIMM	Operating system installed *	Windows 11 Pro
Storage		Battery	
Total storage capacity *	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Battery capacity *	90 Wh
Total SSDs capacity	1 TB	Battery life (max)	8 h
Number of SSDs installed	1	Power	
SSD capacity	1 TB	AC adapter power	330 W
SSD interface	PCI Express 4.0	DC-in jack	✓
NVMe	✓	USB Type-C charging port *	✓
SSD form factor	M.2	Security	
Optical drive type *	✗	Cable lock slot	✓
Card reader integrated	✓	Cable lock slot type	Kensington
Compatible memory cards	MicroSD (TransFlash)	Trusted Platform Module (TPM)	✓
Graphics		Weight & dimensions	
Discrete GPU manufacturer	NVIDIA	Width	355.6 mm
Discrete graphics card model *	NVIDIA GeForce RTX 5070 Ti	Depth	274.3 mm
		Height	26.7 mm
		Weight *	2.7 kg
		Packaging content	
		AC adapter included *	✓
		Cables included	AC



0195133313001



195133313001

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.