



## Acer Predator PHN14-51-71DW Intel Core Ultra 7 155H Computer portatile 36,8 cm (14.5") 3K 16 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Nero

**Marchio :** Acer

**Famiglia del prodotto:**  
Predator

**Codice prodotto:**  
NH.QRLET.001



**Nome del prodotto :**  
PHN14-51-71DW

- No OS
- Intel Core Ultra 7 155H (24MB Cache)
- 36.8 cm (14.5") 3K 3072 x 1920 IPS, NVIDIA GeForce RTX 4060 (8GB GDDR6)
- 16GB LPDDR5x-SDRAM & 1000GB SSD

Intel Core Ultra 7 155H (24MB Cache), 16GB LPDDR5x-SDRAM, 1000GB SSD, 36.8 cm (14.5") 3K 3072 x 1920 IPS, Intel Arc Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), WLAN, Webcam, No OS

Acer Predator PHN14-51-71DW. Tipo di prodotto: Computer portatile, Fattore di forma: Clamshell.

Famiglia processore: Intel Core Ultra 7, Modello del processore: 155H. Dimensioni diagonale schermo: 36,8 cm (14.5"), Tipologia HD: 3K, Risoluzione del display: 3072 x 1920 Pixel. RAM installata: 16 GB, Tipo di RAM: LPDDR5x-SDRAM. Capacità totale di archiviazione: 1 TB, Supporto di memoria: SSD. Modello scheda grafica integrata: Intel Arc Graphics, Scheda grafica dedicata: NVIDIA GeForce RTX 4060. Colore del prodotto: Nero. Peso: 1,9 kg



Design		Storage	
Product type *	Laptop	Compatible memory cards	MicroSD (TransFlash)
Product colour *	Black	<b>Graphics</b>	
Form factor *	Clamshell	Discrete graphics card model *	NVIDIA GeForce RTX 4060
Market positioning	Gaming	Discrete graphics card memory	8 GB
<b>Display</b>		Discrete graphics memory type	GDDR6
Display diagonal *	36.8 cm (14.5")	On-board graphics card *	✓
Display resolution *	3072 x 1920 pixels	On-board GPU manufacturer	Intel
Touchscreen *	✗	Discrete graphics card *	✓
HD type	3K	On-board graphics card family	Intel Arc Graphics
Panel type	IPS	On-board graphics card model *	Intel Arc Graphics
Display technology marketing name	ComfyView	<b>Audio</b>	
LED backlight	✓	Number of built-in speakers	2
Native aspect ratio	16:10	Built-in microphone	✓
Maximum refresh rate	165 Hz	<b>Camera</b>	
<b>Processor</b>		Front camera	✓
Processor manufacturer *	Intel	Front camera resolution	1920 x 1080 pixels
Processor family *	Intel Core Ultra 7	Front camera HD type	Full HD
Processor generation	Intel® Core™ Ultra (Series 1)	<b>Network</b>	
Processor model *	155H	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor cores	16	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
Processor threads	22	Mobile network connection *	✗
Processor boost frequency	4.8 GHz	Antenna type	2x2
Performance cores	6	WLAN controller model	Killer Wi-Fi 6E 1675i
Efficient cores	8	WLAN controller manufacturer	Killer
Low Power Efficient-cores	2	Bluetooth	✓
Performance-core Max Turbo Frequency	4.8 GHz	Bluetooth version	5.3
Efficient-core Max Turbo Frequency	3.8 GHz	<b>Ports &amp; interfaces</b>	
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Performance-core base frequency	1.4 GHz		
Efficient-core base frequency	0.9 GHz		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Low Power Efficient-core Base Frequency	700 MHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor cache	24 MB	HDMI ports quantity *	1
Processor cache type	Smart Cache	Combo headphone/mic port	✓
Processor base power	28 W	<b>Keyboard</b>	
Maximum turbo power	115 W	Pointing device	Touchpad
<b>Neural processor unit (NPU)</b>		Keyboard layout	QWERTY
Neural processor unit (NPU)	Intel AI Boost	Keyboard language	Italian
Maximum frequency NPU	1.4 GHz	Numeric keypad *	✗
Sparsity support	✓	Keyboard backlit	✓
Windows Studio effects support	✓	Keyboard backlit colour	RGB
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Keyboard backlit zone	3-zone RGB
<b>Memory</b>		<b>Software</b>	
Internal memory *	16 GB	Operating system installed *	✗
Internal memory type	LPDDR5x-SDRAM	<b>Battery</b>	
Memory form factor	On-board	Battery technology	Lithium-Ion (Li-Ion)
Maximum internal memory *	16 GB	Number of battery cells	4
Memory data transfer rate	6400 MT/s	Battery capacity *	76 Wh
<b>Storage</b>		Battery life (max)	11 h
Total storage capacity *	1 TB	<b>Power</b>	
Storage media *	SSD	AC adapter power	230 W
Total SSDs capacity	1 TB	DC-in jack	✓
Number of SSDs installed	1	<b>Security</b>	
SSD capacity	1 TB	Cable lock slot	✓
SSD interface	PCI Express	Cable lock slot type	Kensington
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	<b>Weight &amp; dimensions</b>	
Card reader integrated	✓	Width	324.1 mm
		Depth	255.4 mm
		Height	20.9 mm
		Weight *	1.9 kg
		<b>Packaging content</b>	
		Cables included	AC



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