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Acer Predator PHN14-51-7285 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) Windows 11 Home Nero

Marchio : Acer	**Famiglia del prodotto:** Predator	**Codice prodotto:** NH.QRPET.001

Nome del prodotto :
PHN14-51-7285

- Windows 11 Home 64-bit
- 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, Windows 11 Home 64-bit

Acer Predator PHN14-51-7285. 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. Sistema operativo incluso: Windows 11 Home. Colore del prodotto: Nero

Design

Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Market positioning	Gaming

Display

Display diagonal *	36.8 cm (14.5")
Display resolution *	3072 x 1920 pixels
Touchscreen *	✘
HD type	3K
Panel type	IPS
Display technology marketing name	ComfyView
LED backlight	✔
Native aspect ratio	16:10
Maximum refresh rate	165 Hz

Processor

Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 7
Processor generation	Intel® Core™ Ultra (Series 1)
Processor model *	155H
Processor cores	16
Processor threads	22
Processor boost frequency	4.8 GHz
Performance cores	6
Efficient cores	8
Low Power Efficient-cores	2
Performance-core Max Turbo Frequency	4.8 GHz
Efficient-core Max Turbo Frequency	3.8 GHz
Low Power Efficient-core Max Turbo Frequency	2.5 GHz
Performance-core base frequency	1.4 GHz
Efficient-core base frequency	0.9 GHz

Graphics

Discrete graphics card model *	NVIDIA GeForce RTX 4060
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✔
On-board graphics card family	Intel Arc Graphics
On-board graphics card model *	Intel Arc Graphics

Audio

Number of built-in speakers	2
Built-in microphone	✔

Camera

Front camera	✔
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD

Network

Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
Mobile network connection *	✘
Antenna type	2x2
WLAN controller model	Killer Wi-Fi 6E 1675i
WLAN controller manufacturer	Killer
Bluetooth	✔
Bluetooth version	5.3

Ports & interfaces

USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
HDMI ports quantity *	1

Processor

Low Power Efficient-core Base Frequency	700 MHz
Processor cache	24 MB
Processor cache type	Smart Cache
Processor base power	28 W
Maximum turbo power	115 W

Neural processor unit (NPU)

Neural processor unit (NPU)	Intel AI Boost
Maximum frequency NPU	1.4 GHz
Sparsity support	✔
Windows Studio effects support	✔
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML

Memory

Internal memory *	16 GB
Internal memory type	LPDDR5x-SDRAM
Memory form factor	On-board
Maximum internal memory *	16 GB
Memory data transfer rate	6400 MT/s

Storage

Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash)

Ports & interfaces

Combo headphone/mic port	✔

Keyboard

Pointing device	Touchpad
Keyboard layout	QWERTY
Keyboard language	Italian
Numeric keypad *	✘
Keyboard backlit	✔
Keyboard backlit colour	RGB
Keyboard backlit zone	3-zone RGB

Software

Operating system architecture	64-bit
Operating system installed *	Windows 11 Home

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	76 Wh
Battery life (max)	6 h

Power

AC adapter power	230 W
DC-in jack	✔

Security

Cable lock slot	✔
Cable lock slot type	Kensington
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Weight & dimensions

Width	324.1 mm
Depth	255.4 mm
Height	20.9 mm
Weight *	1.9 kg

Packaging content

Cables included	AC

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