



Acer Predator PHN16-71-788N Intel® Core™ i7 i7-13700HX Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6 (802.11ax) Windows 11 Home Black

Brand : Acer

Product family: Predator

Product code: NH.QLUAA.001

Product name :
PHN16-71-788N

- Windows 11 Home 64-bit
- Intel Core i7-13700HX (30MB Cache)
- 40.6 cm (16") WUXGA 1920 x 1200 IPS, NVIDIA GeForce RTX 4060 (8GB GDDR6)
- 16GB DDR5-SDRAM & 1000GB SSD

Intel™ Core i7-13700HX (30MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

Acer Predator PHN16-71-788N. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13700HX. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4060. Operating system installed: Windows 11 Home. Product colour: Black



Design		Network	
Colour name	Obsidian Black	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Product type *	Laptop	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Product colour *	Black	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	2x2
Market positioning	Gaming	WLAN controller model	Killer Wireless-AX 1650i
Display		WLAN controller manufacturer	Killer
Display diagonal *	40.6 cm (16")	Ethernet LAN	✓
Display resolution *	1920 x 1200 pixels	Ethernet LAN data rates	10,100,1000 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	WUXGA	Bluetooth version	5.1
Panel type	LCD	Ports & interfaces	
LED backlight	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Native aspect ratio	16:10	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Maximum refresh rate	165 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor		Ethernet LAN (RJ-45) ports	1
Processor manufacturer *	Intel	HDMI ports quantity *	1
Processor family *	Intel® Core™ i7	HDMI version	2.1
Processor generation	13th gen Intel® Core™ i7	Combo headphone/mic port	✓
Processor model *	i7-13700HX	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	16	Keyboard	
Processor boost frequency	5 GHz	Pointing device	Touchpad
Performance-core base frequency	5 GHz	Numeric keypad *	✓
Efficient-core boost frequency	3.7 GHz	Keyboard backlit	✓
Processor cache	30 MB	Software	
Bus type	DMI4	Operating system architecture	64-bit
Configurable TDP-down	45 W	Operating system installed *	Windows 11 Home
Memory		Processor special features	
Internal memory *	16 GB	Intel Flex Memory Access	✓
Internal memory type	DDR5-SDRAM		
Maximum internal memory *	32 GB		
Storage			
Total storage capacity *	1 TB		

Storage		Processor special features	
Storage media *	SSD	Intel VT-x with Extended Page Tables (EPT)	✓
Total SSDs capacity	1 TB	CPU configuration (max)	1
Number of SSDs installed	1	Embedded options available	✗
SSD capacity	1 TB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD interface	PCI Express	Intel Virtualization Technology (VT-x)	✓
Optical drive type *	✗	Battery	
Card reader integrated	✓	Battery technology	Lithium-Ion (Li-Ion)
Compatible memory cards	MicroSD (TransFlash)	Number of battery cells	4
Graphics		Battery capacity *	90 Wh
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Power	
Discrete graphics card memory	8 GB	AC adapter power	330 W
Discrete graphics memory type	GDDR6	DC-in jack	✓
On-board graphics card *	✓	Security	
On-board GPU manufacturer	Intel	Cable lock slot	✓
Discrete graphics card *	✓	Cable lock slot type	Kensington
On-board graphics card model *	Intel® UHD Graphics	Password protection	✓
Audio		Weight & dimensions	
Number of built-in speakers	2	Width	360.1 mm
Built-in microphone	✓	Depth	279.9 mm
Camera		Height (front)	2.65 cm
Front camera	✓	Height (rear)	2.83 cm
Front camera resolution	1280 x 720 pixels	Weight *	2.8 kg
Front camera HD type	HD	Packaging content	
		Cables included	AC



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