



# Acer Predator PH16-71-91C8 Intel® Core™ i9 i9-13900HX Laptop 40.6 cm (16") WQXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6 (802.11ax) Windows 11 Home Black



**Brand :** Acer

**Product family:** Predator

**Product code:** NH.QJREK.00A

**Product name :** PH16-71-91C8

16" IPS-LCD, LED, 2560x1600 WQXGA, 240Hz, 16:10, Intel Core i9-13900HX, 2.2GHz, 16GB DDR5 SDRAM, 1TB SSD M.2, PCIe, NVMe, Nvidia GeForce RTX 4070 8GB GDDR6, MicroSD, Wi-Fi6, BT 5.1, 1Gbps LAN, 1x HDMI, 1x USB 3.2 Gen.1 Type-A, 1x USB 3.2 Gen.1 Type-C, 2x USB 3.2 Gen.2 Type-A, 2x USB 3.2 Gen.2 Type-C, 1x RJ45, 90Wh Li-Ion, 330W, 357.8x278.7x26.9mm, 2.6kg, Windows 11 Home 64-Bit

Acer Predator PH16-71-91C8. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13900HX, Processor frequency: 2.2 GHz. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 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. Operating system installed: Windows 11 Home. Product colour: Black

Design		Graphics	
Product type *	Laptop	On-board graphics card *	✓
Product colour *	Black	Discrete graphics card *	✓
Form factor *	Clamshell	On-board graphics card model *	Intel® UHD Graphics
Market positioning	Gaming	<b>Audio</b>	
<b>Display</b>		Audio system	True Harmony
Display diagonal *	40.6 cm (16")	Number of built-in speakers	2
Display resolution *	2560 x 1600 pixels	Built-in microphone	✓
HD type	WQXGA	<b>Camera</b>	
Panel type	IPS	Front camera	✓
Display technology marketing name	ComfyView	<b>Network</b>	
Native aspect ratio	16:10	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display surface	Matt	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Maximum refresh rate	240 Hz	Mobile network connection *	✗
<b>Processor</b>		Ethernet LAN	✓
Processor manufacturer *	Intel	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor family *	Intel® Core™ i9	Bluetooth	✓
Processor generation	13th gen Intel® Core™ i9	Bluetooth version	5.1
Processor model *	i9-13900HX	<b>Ports &amp; interfaces</b>	
Processor cores	24	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor frequency *	2.2 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Performance cores	8	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Efficient cores	16	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Performance-core Max Turbo Frequency	5.4 GHz	Ethernet LAN (RJ-45) ports	1
Efficient-core Max Turbo Frequency	3.9 GHz	HDMI ports quantity *	1
Processor cache	36 MB	Headphone outputs	1
Processor cache type	Smart Cache	Combo headphone/mic port	✓
Processor base power	55 W	Charging port type	DC-in jack
Maximum turbo power	157 W	<b>Keyboard</b>	
<b>Memory</b>		Pointing device	Touchpad
Internal memory *	16 GB	Numeric keypad *	✓
Internal memory type	DDR5-SDRAM	Keyboard backlit	✓
Memory form factor	SO-DIMM	Keyboard backlit colour	RGB
Memory slots	2x SO-DIMM		
Maximum internal memory *	32 GB		

Storage		Software	
Total storage capacity *	1 TB	Operating system architecture	64-bit
Storage media *	SSD	Operating system installed *	Windows 11 Home
Total SSDs capacity	1 TB	Battery	
Number of SSDs installed	1	Battery technology	Lithium-Ion (Li-Ion)
SSD capacity	1 TB	Battery capacity *	90 Wh
SSD interface	PCI Express	Battery life (max)	5 h
NVMe	✓	Power	
SSD form factor	M.2	AC adapter power	330 W
Optical drive type *	✗	Security	
Card reader integrated	✓	Cable lock slot	✓
Compatible memory cards	MicroSD (TransFlash)	Cable lock slot type	Kensington
Graphics		Password protection	✓
Discrete GPU manufacturer	NVIDIA	Password protection type	BIOS, Supervisor, User
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Weight & dimensions	
Discrete graphics card memory	8 GB	Width	357.8 mm
Discrete graphics memory type	GDDR6	Depth	278.7 mm
		Height	26.9 mm
		Weight *	2.6 kg

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