Acer Predator PH18-71-93NS Laptop 45.7 cm (18") WQXGA Intel® Core™ i9 i9-13900HX 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 6 (802.11ax) Windows 11 Home Black

Brand : Acer **Product family:** Predator **Product code:** NH.QKREK.006

Product name : PH18-71-93NS

18" IPS-LCD, LED, 2560x1600 WQXGA, 250Hz, 16:10, Intel Core i9-13900HX, 2.2GHz, 32GB DDR5 SDRAM, 2TB SSD M.2, PCIe, NVMe, Nvidia GeForce RTX 4080 12GB GDDR6, MicroSD, Wi-Fi 6, 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, 405x311.6x28.9, 3.16kg, Windows 11 Home 64-Bit Acer Predator PH18-71-93NS. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13900HX, Processor frequency: 2.2 GHz. Display diagonal: 45.7 cm (18"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. Discrete graphics card model: NVIDIA GeForce RTX 4080. Operating system installed: Windows 11 Home. Product colour: Black

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

Display	
Display diagonal *	45.7 cm (18")
Display resolution *	2560 x 1600 pixels
Touchscreen *	✗
HD type	WQXGA
Panel type	IPS
Display technology marketing name	ComfyView
Native aspect ratio	16:10
Display surface	Matt
Maximum refresh rate	250 Hz

Processor	
Processor manufacturer *	Intel
Processor generation	13th gen Intel® Core™ i9
Processor family *	Intel® Core™ i9
Processor model *	i9-13900HX
Processor frequency *	2.2 GHz
Efficient-core Max Turbo Frequency	3.9 GHz
Performance-core Max Turbo Frequency	5.4 GHz
Processor cores	24
Performance cores	8
Efficient cores	16
Processor cache	36 MB
Processor cache type	Smart Cache
Processor base power	55 W
Maximum turbo power	157 W

Memory	
Internal memory *	32 GB
Internal memory type	DDR5-SDRAM

Storage	
Total storage capacity *	2 TB
Storage media *	SSD

Graphics	
Discrete graphics card memory	12 GB
Discrete graphics memory type	GDDR6

Audio	
Number of built-in speakers	2
Built-in microphone	✓

Network	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Ethernet LAN	✓
Ethernet LAN data rates	1000 Mbit/s
Bluetooth	✓
Bluetooth version	5.1

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
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
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✓
Keyboard backlit	✓
Keyboard backlit colour	RGB

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

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Battery capacity *	90 Wh
Battery life (max)	5 h

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

Graphics	
Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 4080
Discrete graphics card *	✓

Power	
AC adapter power	330 W

Security	
Cable lock slot	✓
Cable lock slot type	Kensington
Trusted Platform Module (TPM)	✓
Password protection	✓
Password protection type	BIOS, HDD, Supervisor, User

Weight & dimensions	
Width	405 mm
Depth	311.6 mm
Height	28.9 mm
Weight *	3.16 kg

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