



Acer Predator PH18-73-93YX Intel Core Ultra 9 275HX Laptop 45.7 cm (18") WQUXGA 64 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 5090 Wi-Fi 7 (802.11be) Windows 11 Pro Black QWERTZ German

Brand : Acer

Product family: Predator

Product code: NH.QVWEG.00J

Product name : PH18-73-93YX

- Windows 11 Pro 64-bit
- Intel Core Ultra 9 275HX (36MB Cache)
- 45.7 cm (18") WQUXGA 3840 x 2400 IPS, NVIDIA GeForce RTX 5090 (24GB GDDR7)
- 64GB DDR5-SDRAM (2 x 32) & 2000GB SSD
Intel Core Ultra 9 275HX (36MB Cache), 64GB DDR5-SDRAM, 2000GB SSD, 45.7 cm (18") WQUXGA 3840 x 2400 IPS, Intel Graphics, NVIDIA GeForce RTX 5090 (24GB GDDR7), LAN, WLAN, Webcam, Windows 11 Pro 64-bit
Acer Predator PH18-73-93YX. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 275HX. Display diagonal: 45.7 cm (18"), HD type: WQUXGA, Display resolution: 3840 x 2400 pixels. Internal memory: 64 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics, Discrete graphics card model: NVIDIA GeForce RTX 5090. Operating system installed: Windows 11 Pro. Product colour: Black



Design		Graphics	
Colour name	Abyssal Black	Discrete graphics card memory	24 GB
Product type *	Laptop	Discrete graphics memory type	GDDR7
Product colour *	Black	On-board graphics card *	✓
Form factor *	Clamshell	On-board GPU manufacturer	Intel
Market positioning	Gaming	Discrete graphics card *	✓
Display		On-board graphics card family	Intel® Graphics
Display diagonal *	45.7 cm (18")	On-board graphics card model *	Intel® Graphics
Display resolution *	3840 x 2400 pixels	Audio	
Touchscreen *	✗	Number of built-in speakers	6
HD type	WQUXGA	Built-in microphone	✓
Panel type	IPS	Number of microphones	3
Display technology marketing name	ComfyView	Camera	
LED backlight	✓	Front camera	✓
Native aspect ratio	16:10	Front camera resolution	1920 x 1080 pixels
Display surface	Matt	Front camera HD type	Full HD
Maximum refresh rate	120 Hz	Infrared (IR) camera	✓
Processor		Network	
Processor manufacturer *	Intel	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor family *	Intel Core Ultra 9	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)
Processor generation	Intel Core Ultra (Series 2)	Mobile network connection *	✗
Processor model *	275HX	Antenna type	2x2
Processor cores	24	WLAN controller model	Killer Wi-Fi 7 1750x
Processor threads	24	WLAN controller manufacturer	Killer
Processor boost frequency	5.4 GHz	Ethernet LAN	✓
Performance cores	8	Ethernet LAN data rates	5000 Mbit/s
Efficient cores	16	Bluetooth	✓
Performance-core Max Turbo Frequency	5.4 GHz	Bluetooth version	5.4
Efficient-core Max Turbo Frequency	4.6 GHz	Ports & interfaces	
Performance-core base frequency	2.7 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Efficient-core base frequency	2.1 GHz		
Processor cache	36 MB		
Processor base power	55 W		

Processor		Ports & interfaces	
Maximum turbo power	160 W	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Neural processor unit (NPU)		USB 3.2 Gen 2x2 Type-C ports quantity	2
Neural processor unit (NPU)	Intel AI Boost	Ethernet LAN (RJ-45) ports	1
Sparsity support	✓	HDMI ports quantity *	1
Windows Studio effects support	✓	HDMI version	2.1
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Combo headphone/mic port	✓
Total processor performance up to	36 TOPs	Keyboard	
NPU performance up to	13 TOPs	Pointing device	Touchpad
GPU performance up to	8 TOPs	Numeric keypad *	✓
Memory		Keyboard backlit	✓
Internal memory *	64 GB	Keyboard backlit colour	RGB
Internal memory type	DDR5-SDRAM	Keyboard backlit zone	Per-key RGB
Memory layout (slots x size)	2 x 32 GB	Keyboard layout	QWERTZ
Maximum internal memory *	192 GB	Keyboard language	German
Storage		Software	
Total storage capacity *	2 TB	Operating system architecture	64-bit
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Total SSDs capacity	2 TB	Battery	
Number of SSDs installed	2	Battery technology	Lithium-Ion (Li-Ion)
SSD capacity	1 TB	Number of battery cells	4
SSD interface	PCI Express 4.0, PCI Express 5.0	Battery capacity	6578 mAh
NVMe	✓	Battery capacity *	99.98 Wh
SSD form factor	M.2	Battery life (max)	5.5 h
Optical drive type *	✗	Power	
Card reader integrated	✓	AC adapter power	400 W
Compatible memory cards	SD	USB Type-C charging port *	✓
Graphics		Security	
Discrete GPU manufacturer	NVIDIA	Cable lock slot	✓
Discrete graphics card model *	NVIDIA GeForce RTX 5090	Cable lock slot type	Kensington
		Weight & dimensions	
		Width	404 mm
		Depth	311.6 mm
		Height	28.9 mm
		Weight *	3.2 kg
		Packaging content	
		AC adapter included *	✓



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