

SPECIFICATIONS



Acer Predator Helios Neo 16S AI PHN16S-71-73WM Series 2 Intel Core Ultra 7 255HX 16GB RAM 1TB SSD 16 Inch 2.5K QHD+ WQXGA OLED Display AI Optimized Abyssal Black Gaming Laptop

Regular Price 317,910
Special Price 295,000

ID: 33.02.002.1094

General

Brand	Acer
Laptop Series	Predator
Model	Acer Predator Helios Neo 16S AI PHN16S-71-73WM
Part No	NH.QX9SI.001

Processor

Processor Brand	Intel
Processor Type.	Core Ultra 7
Generation	Ultra
Processor Model	Core Ultra 7 255HX
Performance-Core Base Frequency	2.40GHz
Efficient-Core Base Frequency	1.80GHz
Processor Max Turbo Frequency	5.20GHz
Performance-Core Max Turbo Frequency	5.20GHz
Efficient-Core Max Turbo Frequency	4.50GHz
Processor Core	20
Performance-Cores	8
Efficient-Cores	12
Processor Thread	20
CPU Cache	30MB
NPU	Yes
Neural Processing Unit (NPU)	Intel AI Boost
NPU TOPS	13

IDB BHABAN - DHAKA 123/5 BCS Computer City, IDB Bhaban, Dhaka 1207, Tel +88 0960 444 2121 **BANANI - DHAKA** 41 Kamal Ataturk Avenue, Banani, Dhaka 1213, Tel +88 017 55 513 933 **UTTARA - DHAKA** 36 Sonargaon Janapath, Sector 9, Dhaka 1230, Tel +88 017 55 513 930 **MULTIPLAN CENTRE-1, DHAKA** Ground Floor, Shop 141, Multiplan Centre, Dhaka 1205, Tel +88 017 55 513 971 **MULTIPLAN CENTRE-2, DHAKA** Level 4, Shop 401, Multiplan Centre, Dhaka 1205, Tel +88 017 55 513 981 **MULTIPLAN CENTRE-3, DHAKA** Level 4, Shop 430, Multiplan Centre, Dhaka 1205, Tel +88 017 55 554 947 **Shantinagar - DHAKA** Level 4, Shop 441, Eastern Plus, Dhaka 1217, Tel +88 017 55 513 984 **Agrabad - Chattogram** 472 Sheikh Mujib Road, Chowmuhani, Chattogram, Tel +88 017 55 554 930 **GEC Circle - Chattogram** 428 Yunusco City Center, Chattogram, Tel +88 017 55 513 953 **RAJSHAHI Jamal Super Market** 96 Saheb Bazar, Tel +88 017 55 513 961 **Bogura** 845/936 College Road, Kalitola, Tel +88 017 55 513 948 **Khulna Naushin Tower** 11 KDA Avenue, Tel +88 017 55 554 923 **RANGPUR** 624 Asha Centre, GL Roy Road, Tel +88 017 555 13 941 **Barishal** 125 Sadar Road, Kakolimor, Tel +88 017 55 513 945 **MYMENSINGH** 11 C.K Ghosh Road, Tel +88 017 55 513 954

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Memory

RAM	16GB
Installed RAM Details	1 x 16GB Removable
RAM Type	DDR5
RAM Bus	6400 MHz
Total RAM Slot	2
Empty/Expansion RAM Slot	1
Max. RAM Support	32GB

Storage

Storage	1TB SSD
Installed HDD Type	No HDD
HDD RPM	No HDD
HDD Expansion Slot	No
Installed SSD Type	NVMe PCIe
Installed SSD Generation	Gen 4
M.2/SSD Expansion Slot	1
Storage Upgrade	Additional SSD Can be added

Graphics

Graphics Chipset	Nvidia RTX 5060 Graphics
Graphics Memory Accessibility	Dedicated
Graphics Memory	8GB
Graphics Memory Type	GDDR7

Display

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Display Size (Inch)	16
Display Type	2.5K QHD+ WQXGA Display
Panel Type	OLED
Display Resolution	2560x1600
Touch Screen	No
Display Refresh Rate	240 Hz
Display Bezel	Slim Bezel
Brightness	400nits
Display Features	Acer CineCrystal :16:10 aspect ratio, color gamut DCI-P3 100%(Typical value), certified by True Black HDR 500.
Secondary Screen Size	No Secondary Screen
Secondary Screen Technology	No Secondary Screen
Secondary Screen Resolution	No Secondary Screen

Ports & Slots

Optical Drive	No
Multimedia Card Slot	No
USB 2 Port	No
USB 3 Port	1 x USB 3.1 Gen 1 Type-A, 2 x USB 3.2 Gen 2 Type-A
USB C / Thunderbolt Port	2 x USB 3.2 Type-A
HDMI Port	1
Micro HDMI Port	No
Mini HDMI Port	No
Display Port	No
Mini DP Port	No

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VGA/D-Sub	No
Headphone Port	Combo
Microphone Port	Combo

Network & Connectivity

LAN	Yes
WiFi	Wi-Fi 6 802.11 a/b/g/n/ac/ax
Bluetooth	Bluetooth 5.4

Audio & Camera

Speaker	Yes
Microphone.	Yes
WebCam	FHD WebCam

Keyboard

Keyboard Layout	103(US)-/104(UK)-key, FineTip RGB-backlight keyboard with independent standard numeric keypad, international language support
Keyboard Back-lit	Yes
RGB Keyboard	Yes
Num Key pad	Yes (Numeric)
Pointing Device	Touchpad
Dedicated Navigation key	No

Security

Finger Print Sensor	No
Face Detection	No
TPM	No

Software

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