

SPECIFICATIONS



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

Regular Price 307,060
Special Price 285,000

ID: 33.02.002.1107

General

Brand	Acer
Laptop Series	Predator
Model	Acer Predator Helios Neo 16S AI PHN16S-71
Part No	NH.QX8SI.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	64GB

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 5050 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	16:10 aspect ratio, color gamut DCI-P3 100%(Typical value), support 240Hz, certified by True Black HDR 500(@HDR 500, brightness reach 500 nits), Nvidia Advanced Optimus capable, Wide viewing angle up to 178 degrees, Mercury free, environment friendly.
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	1
Supported Multimedia Card	MicroSD
USB 2 Port	No
USB 3 Port	2 x USB 3.2 Gen 2 Type-A
USB C / Thunderbolt Port	1 x Thunderbolt 4, 1 x USB Type-C
HDMI Port	1
Micro HDMI Port	No
Mini HDMI Port	No
Display Port	No

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Mini DP Port	No
VGA/D-Sub	No
Headphone Port	Combo
Microphone Port	Combo
Security Lock Slot	Kensington lock slot

Network & Connectivity

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

Audio & Camera

Audio Properties	DTS X:Ultra Audio, featuring optimized Bass, Loudness, Speaker Protection with up to 6 custom content modes via smart amplifier
Speaker	Yes
Microphone.	Yes
WebCam	FHD WebCam

Keyboard

Keyboard Back-lit	Yes
RGB Keyboard	Yes
Num Key pad	Yes (Numeric)
Pointing Device	Touchpad

Security

Finger Print Sensor	No
Face Detection	No
TPM	Yes

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