



**Acer Predator Helios Neo 16 PHN16-71 I7-13700HX 16GB/1TB 4060 Laptop 40.6 cm (16") WQXGA Intel® Core™ i7 DDR5-SDRAM SSD NVIDIA GeForce RTX 4060 Wi-Fi 6 (802.11ax) Windows 11 Home Black**



**Brand :** Acer                      **Product family:** Predator                      **Product code:** NH.QLUEK.00A  
**Product name :** PHN16-71  
 I7-13700HX 16GB/1TB 4060

16" IPS-LCD, LED, 2560x1600 WQXGA, 165Hz, 16:10, Intel Core i7-13700HX, 2.1GHz, 16GB DDR5 SDRAM, 1TB SSD M.2, PCIe, NVMe, Nvidia GeForce RTX 4060 8GB GDDR6, MicroSD, Wi-Fi 6, 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, 2.6kg, Windows 11 Home  
 Acer Predator Helios Neo 16 PHN16-71 I7-13700HX 16GB/1TB 4060. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13700HX, Processor frequency: 2.1 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. Discrete graphics card model: NVIDIA GeForce RTX 4060. Operating system installed: Windows 11 Home. Product colour: Black

<b>Design</b>		<b>Storage</b>	
Product type *	Laptop	Card reader integrated	✓
Product colour *	Black	Compatible memory cards	MicroSD (TransFlash)
Form factor *	Clamshell	<b>Graphics</b>	
Market positioning	Gaming	Discrete GPU manufacturer	NVIDIA
<b>Display</b>		Discrete graphics card model *	NVIDIA GeForce RTX 4060
Display diagonal *	40.6 cm (16")	Discrete graphics card *	✓
Display resolution *	2560 x 1600 pixels	Discrete graphics card memory	8 GB
HD type	WQXGA	Discrete graphics memory type	GDDR6
Panel type	IPS	<b>Audio</b>	
Display technology marketing name	ComfyView	Number of built-in speakers	2
Native aspect ratio	16:10	Built-in microphone	✓
Display surface	Matt	<b>Network</b>	
Maximum refresh rate	165 Hz	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
<b>Processor</b>		Wi-Fi standards	Wi-Fi 6 (802.11ax)
Processor manufacturer *	Intel	Ethernet LAN	✓
Processor generation	13th gen Intel® Core™ i7	Ethernet LAN data rates	1000 Mbit/s
Processor family *	Intel® Core™ i7	<b>Ports &amp; interfaces</b>	
Processor model *	i7-13700HX	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor frequency *	2.1 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Efficient-core Max Turbo Frequency	3.7 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Performance-core Max Turbo Frequency	5 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor cores	16	Ethernet LAN (RJ-45) ports	1
Performance cores	8	HDMI ports quantity *	1
Efficient cores	8	<b>Keyboard</b>	
Processor cache	30 MB	Pointing device	Touchpad
Processor cache type	Smart Cache	Numeric keypad *	✓
Processor base power	55 W	Keyboard backlit	✓
Maximum turbo power	157 W	Keyboard backlit colour	RGB
<b>Memory</b>		<b>Software</b>	
Internal memory *	16 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR5-SDRAM		
<b>Storage</b>			
Total storage capacity *	1 TB		
Storage media *	SSD		

Storage		Battery	
Total SSDs capacity	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Number of SSDs installed	1	Battery capacity *	90 Wh
SSD capacity	1 TB	Battery life (max)	8 h
SSD interface	PCI Express	Power	
NVMe	✓	AC adapter power	330 W
SSD form factor	M.2	Weight & dimensions	
Optical drive type *	✗	Weight *	2.6 kg

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