



Acer Predator PH18-71-76B3 Intel® Core™ i7 i7-13700HX Laptop 45.7 cm (18") WQXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : Acer

Product family: Predator

Product code: NH.QMNA.001

Product name : PH18-71-76B3

- Windows 11 Home 64-bit
- Intel Core i7-13700HX (30MB Cache)
- 45.7 cm (18") WQXGA 2560 x 1600 LCD, NVIDIA GeForce RTX 4070 (8GB GDDR6)
- 16GB DDR5-SDRAM & 1000GB SSD

Intel Core i7-13700HX (30MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 45.7 cm (18") WQXGA 2560 x 1600 LCD, Intel UHD Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

Acer Predator PH18-71-76B3. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13700HX. Display diagonal: 45.7 cm (18"), 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. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4070. Operating system installed: Windows 11 Home. Product colour: Black



| Design | | Camera | |
|---------------------------------|--------------------------|---|--|
| Colour name | Abyss Black | Front camera resolution | 1920 x 1080 pixels |
| Product type * | Laptop | Front camera HD type | Full HD |
| Product colour * | Black | Network | |
| Form factor * | Clamshell | Top Wi-Fi standard * | Wi-Fi 6E (802.11ax) |
| Market positioning | Gaming | Wi-Fi standards | Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax) |
| Display | | Mobile network connection * | ✗ |
| Display diagonal * | 45.7 cm (18") | Antenna type | 2x2 |
| Display resolution * | 2560 x 1600 pixels | WLAN controller model | Killer Wi-Fi 6E 1675i |
| Touchscreen * | ✗ | WLAN controller manufacturer | Killer |
| HD type | WQXGA | Ethernet LAN | ✓ |
| Panel type | LCD | Ethernet LAN data rates | 10,100,1000,2500 Mbit/s |
| LED backlight | ✓ | Bluetooth | ✓ |
| Native aspect ratio | 16:10 | Bluetooth version | 5.2 |
| Maximum refresh rate | 165 Hz | Ports & interfaces | |
| Processor | | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1 |
| Processor manufacturer * | Intel | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 2 |
| Processor family * | Intel® Core™ i7 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 2 |
| Processor generation | 13th gen Intel® Core™ i7 | Ethernet LAN (RJ-45) ports | 1 |
| Processor model * | i7-13700HX | HDMI ports quantity * | 1 |
| Processor cores | 16 | HDMI version | 2.1 |
| Processor boost frequency | 5 GHz | Combo headphone/mic port | ✓ |
| Performance-core base frequency | 5 GHz | Charging port type | DC-in jack |
| Efficient-core boost frequency | 3.7 GHz | USB Type-C DisplayPort Alternate Mode | ✓ |
| Processor cache | 30 MB | USB Power Delivery | ✓ |
| Bus type | DMI4 | Keyboard | |
| Configurable TDP-down | 45 W | Pointing device | Touchpad |
| Memory | | Numeric keypad * | ✓ |
| Internal memory * | 16 GB | Keyboard backlight | ✓ |
| Internal memory type | DDR5-SDRAM | Keyboard backlight colour | RGB |
| Maximum internal memory * | 32 GB | | |
| Storage | | | |
| Total storage capacity * | 1 TB | | |
| Storage media * | SSD | | |
| Total SSDs capacity | 1 TB | | |
| Number of SSDs installed | 1 | | |

| Storage | | Software | |
|--------------------------------|-------------------------|-------------------------------|-----------------------------|
| SSD capacity | 1 TB | Operating system architecture | 64-bit |
| SSD interface | PCI Express | Operating system installed * | Windows 11 Home |
| Optical drive type * | ✗ | Processor special features | |
| Card reader integrated | ✓ | CPU configuration (max) | 1 |
| Compatible memory cards | MicroSD (TransFlash) | Battery | |
| Graphics | | Battery technology | Lithium-Ion (Li-Ion) |
| Discrete graphics card model * | NVIDIA GeForce RTX 4070 | Number of battery cells | 4 |
| Discrete graphics card memory | 8 GB | Battery capacity * | 90 Wh |
| Discrete graphics memory type | GDDR6 | Battery charge indicator | ✓ |
| On-board graphics card * | ✓ | Power | |
| On-board GPU manufacturer | Intel | AC adapter power | 330 W |
| Discrete graphics card * | ✓ | Security | |
| On-board graphics card model * | Intel® UHD Graphics | Cable lock slot | ✓ |
| Audio | | Cable lock slot type | Kensington |
| Audio system | True Harmony | Trusted Platform Module (TPM) | ✓ |
| Number of built-in speakers | 2 | Password protection | ✓ |
| Built-in microphone | ✓ | Password protection type | BIOS, HDD, Supervisor, User |
| Number of microphones | 2 | Weight & dimensions | |
| Camera | | Width | 405 mm |
| Front camera | ✓ | Depth | 311.6 mm |
| | | Height | 29.5 mm |
| | | Weight * | 3.25 kg |
| | | Packaging content | |
| | | Cables included | AC |



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