



## PREDATOR HELIOS 700



Overclockable GeForce RTX  
2080 SUPER™



G-SYNC



144Hz FHD IPS display



Dual 4th Gen AeroBlade™  
3D Technology



Killer  
DoubleShot™ Pro



PredatorSense™  
Utility APP

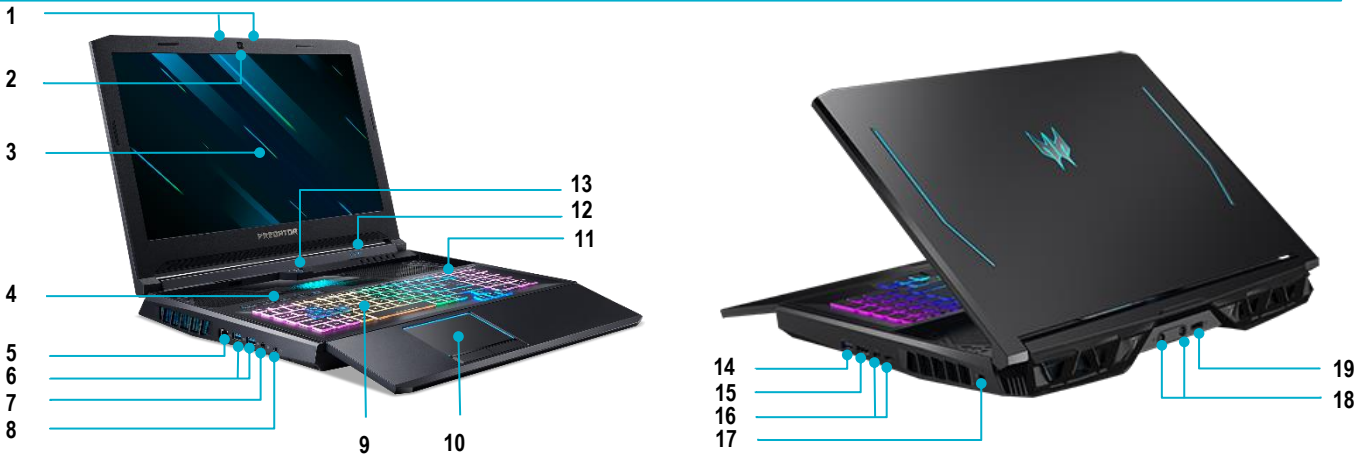


Immersive  
Gaming Audio

## SPECIFICATIONS

## PREDATOR HELIOS 700

PH717-72



Product views	1. Microphones 2. Webcam 3. 17.3" LCD display 4. Dedicated hotkeys 5. Ethernet (RJ-45) port 6. Two USB 3.2 Gen 1 ports with power-off charging 7. Mic-in jack	8. Headset/speaker jack 9. HyperDrift keyboard 10. Touchpad 11. PredatorSense key 12. Hard drive indicator / Battery indicator / Power indicator 13. Power button	14. USB 3.2 Gen 2 port with power-off charging 15. HDMI® port 16. Two USB Type-C™ ports (Thunderbolt™ 3) 17. Kensington lock slot 18. Power connector (i9 sku: Dual DC-in ports / i7 sku: Single DC-in port) 19. External display (DisplayPort™) port
Operating system <sup>1, 2</sup>	Windows 10 Home 64-bit		
CPU and chipset <sup>1</sup>	Intel® Core™ i9-10980HK processor	Intel® Core™ i7-10875H processor	Mobile Intel® HM470 PCH Chipset
Memory <sup>1, 3, 4, 5</sup>	Dual-channel DDR4 SDRAM support: ● Up to 16 GB of DDR4 system memory, upgradable to 64 GB using four soDIMM modules		
Display <sup>6</sup>	17.3" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, high-brightness (300 nits) Acer ComfyView™ LED-backlit TFT LCD, supporting 144 Hz and G-sync ● 16:9 aspect ratio, NTSC 72% ● Wide viewing angle up to 170 degrees ● Mercury free, environment friendly		
Graphics <sup>1</sup>	NVIDIA® GeForce® RTX 2080 SUPER™ with 8 GB of dedicated GDDR6 VRAM NVIDIA® GeForce® RTX 2070 SUPER™ with 8 GB of dedicated GDDR6 VRAM		
Audio	● DTS® X:Ultra Audio, featuring optimized Bass, Loudness, Speaker Protection with up to 6 custom content modes by smart amplifier ● Supported in Windows Spatial Sound for PC Gaming with DTS license integrated ● Immersive audio rendering over headphones and internal speakers	● Acer Purified.Voice technology with dual built-in microphones. Features include far-field pickup, keystroke suppression, adaptive beam forming, and pre-defined personal and conference call modes. ● Compatible with Cortana with Voice ● Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound	
Storage <sup>1, 7</sup>	Solid state drive: ● 2 TB / 1 TB / 512 GB, NVMe, RAID 0 SSD ● 1 TB / 512 GB / 256 GB, PCIe Gen3, 8 Gb/s, NVMe	Hard disk drive: ● 1 TB 2.5-inch 7200 RPM ● 2 TB 2.5-inch 5400 RPM	
Webcam <sup>1</sup>	FHD webcam with 1920 x 1080 resolution, 1080p FHD audio/video recording and Super high dynamic range imaging (SHDR)		
Wireless and networking <sup>1</sup>	WLAN: ● Killer™ Wi-Fi 6 AX1650i ● 802.11 a/b/g/n+acR2+ax wireless LAN ● Dual Band (2.4 GHz and 5 GHz) ● 2x2 MU-MIMO technology ● Support Bluetooth® 5.1	LAN: ● Killer™ Ethernet E3100G ● 2.5G Ethernet ● Killer Control Center ● Lag and Latency Reduction™ Technology	● Advanced Stream Detect™2.0 ● Killer DoubleShot™ Pro enabled ● GameFast™ Technology WPAN: ● Bluetooth® 5.0
Security	Firmware Trusted Platform Module (TPM) solution	BIOS user, supervisor, HDD passwords	Kensington lock slot
Dimensions and weight <sup>8, 9</sup>	Dimensions: 430 (W) x 299 (D) x 41.7 (H) mm (16.93 x 11.77 x 1.64 inches) Weight: 4.807 kg (10.6 lbs.) with 4-cell battery pack		
Power adapter and battery <sup>10</sup>	Power adapter: ● Dual 3-pin 330 W AC adapter ● 3-pin 330 W AC adapter Battery: 74 Wh 4-cell Li-ion battery Up to 3 hours (based on MobileMark® 2014 test results) (Notes: i7-10875H with RTX2070R for DC-in jack for AC adapter. i9-10980HK with RTX2080R for Two DC-in jacks for Dual 3-pin 330 W 5.5 PHY AC adapters, each providing 330 W.)		
Input and control	Touchpad: Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands ● Microsoft Precision Touchpad certification ● Moisture resistant	Keyboard: 103-/104-/107-key FineTip RGB Per-Key backlit keyboard, individually Linear Switch MagForce replaceable keys in WASD with independent standard numeric keypad, international language support	Control Keys Turbo Key Programmable key
Windows Desktop Apps <sup>11</sup>	● PredatorSense ● Acer Product Registration	● Acer Care Center ● Acer Collection	● Quick Access
Warranty	One-year International Travelers Warranty (ITW)		

- Specifications vary depending on model.
- 64-bit software is required to enjoy the advantages of 64-bit processing.
- Shared system memory may be allocated to support graphics, depending on system memory size and other factors. Actual system memory available to the operating system will be reduced by any memory used by the graphics solution and resources required by the operating environment.
- Memory speed may vary, depending on the CPU, chipset or memory fitted.
- A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.
- All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
- 1 GB is 1 billion bytes. Actual formatted capacity is less and may vary depending on preloaded materials and operating environment. Acer Recovery Management uses a portion of the stated hard disk capacity as dedicated backup space.
- Minor variations in system dimensions are possible due to the manufacturing process.
- Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
- Listed battery life is based on MobileMark 2014® productivity mode testing with wireless on. Details of MobileMark 2014 testing are available at [www.bapco.com](http://www.bapco.com). Battery life rating is for comparison purposes only. Actual battery life varies by model, configuration, application, power management settings, operating conditions, and features used. A battery's maximum capacity decreases with time and use.
- Bluetooth on, no WW direct Internet connection. Bundled software may vary depending on hardware configuration, OS and regional availability.

In a continuing effort to improve the quality of our products, information in this document is subject to change without notice. Images shown are only representations of some of the configurations available for this model. Availability may vary depending on region. As a phenomenon known to thin-film transistors (TFTs), liquid crystal displays (LCDs) commonly exhibit a small number of discoloration dots, as so-called "non-conforming pixels." This phenomenon is a limitation of TFT LCD technology, not a product defect, and as such is not covered by Acer's warranty.

© 2020. All rights reserved.  
Microsoft and Windows are registered trademarks of Microsoft Corporation.  
Ultrabook, Celeron Inside, Core Inside, Intel Logo, Intel Atom, Intel Atom Inside, Intel Core, Intel Inside, Intel Inside Logo, Intel vPro, Itanium, Itanium Inside, Pentium, Pentium Inside, vPro Inside, Xeon, Xeon Phi, Xeon Inside, and Intel Optane are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries. Intel, Intel Core, Core Inside, Pentium, and Pentium Inside are trademarks of Intel Corporation in the U.S. and other countries.

## About Acer

Founded in 1976, Acer is now one of the world's top ICT companies and has a presence in over 160 countries. As Acer looks into the future, it is focused on enabling a world where hardware, software and services will fuse with one another to open up new possibilities for consumers and businesses alike. From service-oriented technologies to the Internet of Things to gaming and virtual reality, Acer's 7,000+ employees are dedicated to the research, design, marketing, sale, and support of products and solutions that break barriers between people and technology. Please visit [www.acer.com](http://www.acer.com) for more information.