



## PREDATOR HELIOS 300



AeroBlade™ 5th  
Fan & Vortex  
Flow Technology



Upgradable Storage w/  
PCIe  
Gen 4 Support



4 Zone  
RGB Keyboard



THUNDERBOLT.

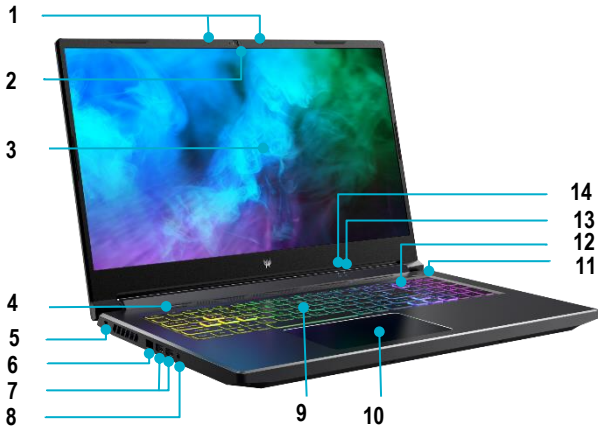
Thunderbolt™ 4



Killer  
DoubleShot™ Pro

HDMI™

HDMI 2.1



<b>Product views</b>	<ol style="list-style-type: none"> <li>Microphones</li> <li>Webcam</li> <li>17.3" LCD display</li> <li>TURBO key</li> <li>Kensington lock slot</li> <li>Ethernet (RJ-45) port</li> <li>USB 3.2 Gen 1 ports</li> </ol>	<ol style="list-style-type: none"> <li>Headset/speaker jack</li> <li>Keyboard</li> <li>Touchpad</li> <li>Power button</li> <li>PredatorSense key</li> <li>Power indicator</li> </ol>	<ol style="list-style-type: none"> <li>Battery indicator</li> <li>USB Type-C™ port (Thunderbolt™ 4)</li> <li>USB 3.2 Gen 2 port with power-off charging</li> <li>HDMI® 2.1 port</li> <li>Mini DisplayPort™</li> <li>Power connector (DC-in)</li> </ol>		
<b>Operating system<sup>1,2</sup></b>	Windows 10 Home 64-bit				
<b>CPU and chipset<sup>1</sup></b>	Intel® Core™ i7-11800H processor	Intel® Core™ i5-11400H processor	Mobile Intel® HM570 PCH Chipset		
<b>Memory<sup>1,3,4,5</sup></b>	Dual-channel DDR4 SDRAM support: ● Up to 16 GB of DDR4 system memory, upgradable to 32 GB using two soDIMM modules (Notes: According to Intel POR, 3200Mhz is supported on Tiger-Lake platform)				
<b>Display<sup>6</sup></b>	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 360 Hz, 3 ms Overdrive ● 16:9 aspect ratio, sRGB 100% ● Wide viewing angle up to 170 degrees ● Ultra-slim design ● Mercury free, environment friendly	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 240 Hz, 3 ms Overdrive ● 16:9 aspect ratio, sRGB 100% ● Wide viewing angle up to 170 degrees ● Ultra-slim design ● Mercury free, environment friendly	17.3" display with IPS (In-Plane Switching) technology, QHD 2560 x 1440, high-brightness (300 nits) Acer ComfyView™ LED-backlit TFT LCD, supporting 165 Hz, 3 ms Overdrive ● 16:9 aspect ratio, DCI-P3 100% ● Wide viewing angle up to 170 degrees ● Ultra-slim design ● Mercury free, environment friendly	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 3 ms Overdrive ● 16:9 aspect ratio, NTSC 72% ● Wide viewing angle up to 170 degrees ● Ultra-slim design ● Mercury free, environment friendly	17.3" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, Acer ComfyView™ LED-backlit TFT LCD ● 16:9 aspect ratio, supporting 144 Hz refresh rate ● Wide viewing angle up to 170 degrees ● Ultra-slim design ● Mercury free, environment friendly
<b>Graphics<sup>1,7</sup></b>	● NVIDIA® GeForce® RTX™ 3070 with 8 GB of dedicated GDDR6 VRAM ● NVIDIA® GeForce® RTX™ 3060 with 6 GB of dedicated GDDR6 VRAM				
<b>Audio</b>	● 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			
<b>Storage<sup>1,8</sup></b>	<b>Solid state drive:</b> ● 512 GB / 1 TB, PCIe Gen4, 16 GB/s, NVMe ● 512 GB / 1 TB / 2 TB, NVMe, RAID 0 SSD	<b>Hard disk drive</b> ● 1 TB 2.5-inch 7200 RPM ● 1 TB / 2 TB 2.5-inch 5400 RPM			
<b>Webcam<sup>1</sup></b>	HD webcam with 1280 x 720 resolution, 720p HD audio/video recording and Super high dynamic range imaging (SHDR)				
<b>Wireless and networking<sup>1</sup></b>	<b>WLAN:</b> ● Killer™ Wi-Fi 6 AX 1650i ● 802.11 a/b/g/n/ac/R2+ax wireless LAN ● Dual Band (2.4 GHz and 5 GHz) ● 2x2 MU-MIMO technology ● Support Bluetooth® 5.1	<b>LAN:</b> ● Killer™ Ethernet E2600 ● 10/100/1000 Mbps ● Hibernation mode support ● Wake On Lan support ● IPv4 and IPv6 support			
<b>Security</b>	Firmware Trusted Platform Module (TPM) solution	BIOS user, supervisor, HDD passwords	Kensington lock slot		
<b>Dimensions and weight<sup>9, 10</sup></b>	<b>Dimensions:</b> 398 (W) x 275.3 (D) x 26.55 (H) mm (15.67 x 10.84 x 1.05 inches) <b>Weight:</b> 2.9 kg (6.39 lbs.) with 4-cell battery pack, Full HD display				
<b>Power adapter and battery<sup>11</sup></b>	<b>Power adapter:</b> ● 3-pin 230 W 5.5 PHY AC adapter	● 3-pin 180 W AC adapter <b>Battery:</b> 59 Wh 4-cell Li-ion battery			
<b>Input and control</b>	<b>Keyboard:</b> 103-/104-/107-key FineTip RGB-backlit keyboard with independent standard numeric keypad, international language support <b>Touchpad:</b> Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands ● Microsoft Precision Touchpad certification ● Moisture resistant <b>Control Keys</b> Turbo Key				
<b>Windows Desktop Apps<sup>12</sup></b>	● Planet9 ● PredatorSense	● Acer Care Center ● Acer Product Registration			
<b>Warranty</b>	One-year International Travelers Warranty (ITW)				
1.	Specifications vary depending on model.	8.	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.		
2.	64-bit software is required to enjoy the advantages of 64-bit processing.	9.	Minor variations in system dimensions are possible due to the manufacturing process.		
3.	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.	10.	Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.		
4.	Memory speed may vary, depending on the CPU, chipset or memory fitted.	11.	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. 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.		
5.	A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.	12.	Bundled software may vary depending on hardware configuration, OS and regional availability.		
6.	All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.				
7.	Not all features indicated are supported on all SKUs				

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.

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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.