

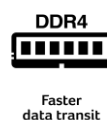


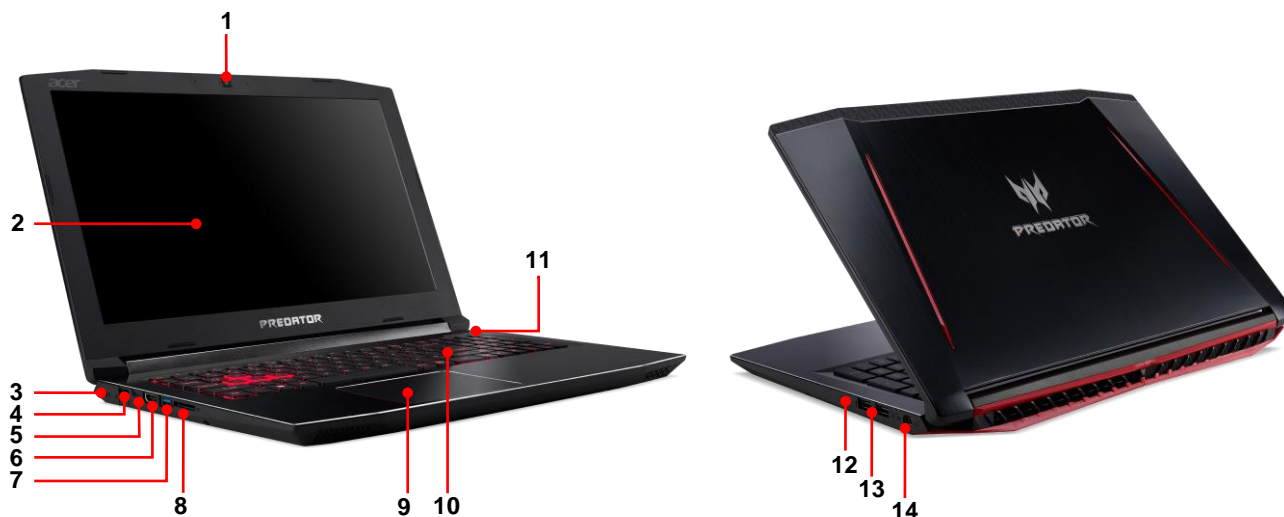
## Predator Helios 300

PH315-51

## Ignite Fusion

- Aggressively Designed Metal Form Factor
- 8<sup>th</sup> Gen Intel® Core™ i7 Processor
- NVIDIA® GeForce® GTX 1060 Graphics
- Dual-Fan Cooling with Metal AeroBlade™ 3D





Product views	1. Webcam and microphones 2. 15.6" LCD display 3. Kensington lock slot 4. Ethernet (RJ-45) port 5. USB Type-C™ port (USB 3.1 Gen 1)	6. HDMI® 2.0 port 7. USB 3.0 port 8. SD card reader 9. Touchpad 10. Keyboard	11. Power button 12. Headset/speaker jack 13. Two USB 2.0 ports 14. Power connector (DC-in)
Operating system <sup>1, 2</sup>	Windows 10 Home 64-bit		
CPU and chipset <sup>1</sup>	Intel® Core™ i7-8750H processor Intel® Core™ i5-8300H processor Intel® HM370 Mobile PCH chipset		
Memory <sup>1, 3, 4, 5</sup>	Dual-channel DDR4 SDRAM support: • Up to 16 GB of DDR4 system memory, upgradable to 32 GB using two soDIMM modules		
Display <sup>6</sup>	15.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, high-brightness (300 nits) Acer ComfyView™ LED-backlit TFT LCD • 16:9 aspect ratio, NTSC 72% • Wide viewing angle up to 170 degrees • Ultra-slim design • Mercury free, environment friendly	15.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, Acer ComfyView™ LED-backlit TFT LCD • 16:9 aspect ratio • Wide viewing angle up to 170 degrees • Ultra-slim design • Mercury free, environment friendly	
Graphics <sup>1, 7</sup>	NVIDIA® GeForce® GTX 1060 with 6 GB of dedicated GDDR5 VRAM NVIDIA® GeForce® GTX 1050 Ti with 4 GB of dedicated GDDR5 VRAM Intel® HD Graphics		
Audio	• Optimized Dolby® Audio Premium sound enhancement • Acer TrueHarmony Plus technology for lower distortion, wider frequency range, headphone-like audio and powerful sound • Two built-in digital microphones		• Compatible with Cortana with Voice • Certified for Skype for Business • Two built-in stereo speakers
Storage <sup>1, 8</sup>	<b>Solid state drive</b> • 512 GB / 256 GB, PCIe Gen3 8 Gb/s up to 4 lanes, NVMe • 512 / 256 / 128 GB, SATA 6 Gb/s	<b>Hard disk drive</b> • 1 TB 2.5-inch 7200 RPM • 2 / 1 TB 2.5-inch 5400 RPM	<b>Card Reader</b> • SD™ / SDXC™ card reader (accepts cards up to 128 GB capacity)
Webcam <sup>1</sup>	HD webcam with 1280 x 720 resolution and 720p HD audio/video recording, Super high dynamic range imaging (SHDR)		
Wireless and networking <sup>1</sup>	<b>WLAN</b> • Intel® Wireless-AC 9560, 802.11a/b/g/n/ac wireless LAN • Dual Band (2.4 GHz and 5 GHz) • 2x2 MU-MIMO technology • Supports Bluetooth® 5.0 • 802.11a/b/g/n/ac wireless LAN • Operates at 2.4 GHz and 5 GHz <b>WPAN</b> • Bluetooth® 5.0 <b>LAN</b> • Gigabit Ethernet • Wake-on-LAN ready		
Privacy control <sup>1</sup>	BIOS user, supervisor, HDD passwords Kensington lock slot		
Dimensions and weight <sup>9</sup>	<b>Dimensions:</b> 390 (W) x 266 (D) x 26.75 (H) mm (15.35 x 10.47 x 1.05 inches) <b>Weight:</b> 2.7 kg (5.95 lbs.) with 4-cell battery pack (SSD+HDD) 2.5 kg (5.51 lbs.) with 4-cell battery pack (SSD only)		
Power adapter and battery <sup>1, 10</sup>	ACPI 5.0 CPU power management standard: supports Standby and Hibernation power-saving modes <b>Power adapter:</b> 3-pin 180 W AC adapter, 3-pin 135 W AC adapter <b>Battery:</b> 48 Wh 3220 mAh 15.2 V 4-cell Li-ion battery Battery life up to 7 hours		
Input and control	<b>Keyboard:</b> 103-/104-/107-key FineTip backlit keyboard with independent standard numeric keypad, international language support and power button <b>Touchpad:</b> Multi-gesture touchpad with two buttons, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands • Microsoft Precision Touchpad certification		
Windows Desktop Apps <sup>11</sup>	• Acer Care Center • Acer Collection	• Acer Configuration Manager • Quick Access	• Acer Product Registration • PredatorSense
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.
- Resolution/refresh rates depend on display capability and color/depth settings.
- 1 GB is 1 billion bytes, 1 TB is 1000 GB. Actual formatted capacity is less and may vary depending on preloaded materials and operating environment. Recovery Management uses a portion of the stated hard disk capacity as dedicated backup space.
- 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.
- 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.

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#### 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.