



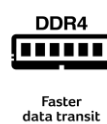
Predator Helios 300

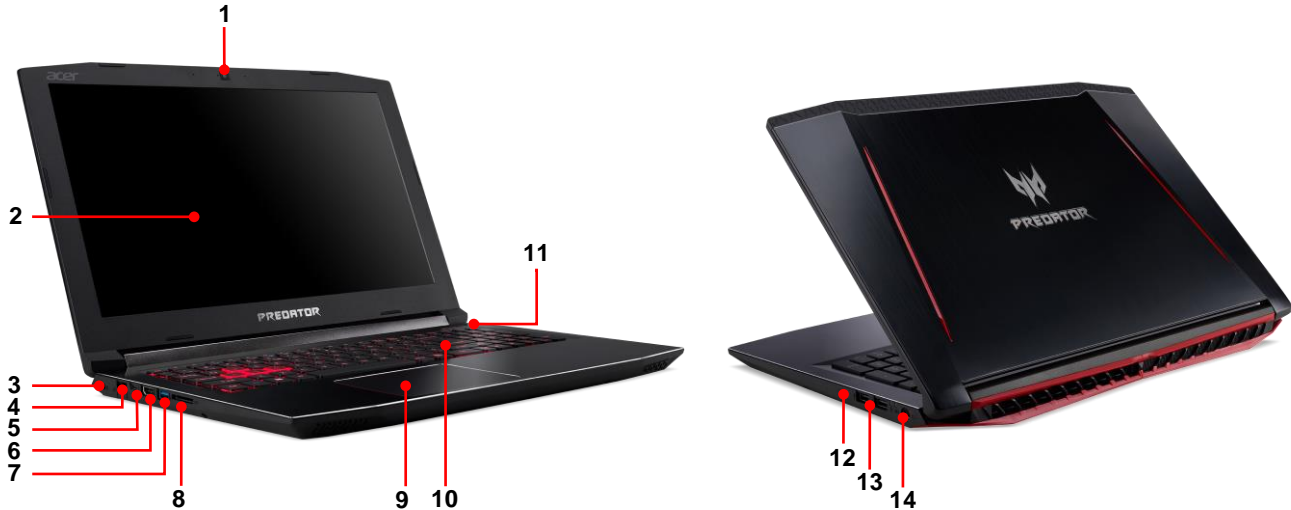
PH315-51

Ignite Fusion

- Aggressively Designed Metal Form Factor
- 8th Gen Intel® Core™ i7 Processor¹
- NVIDIA® GeForce® GTX 1060 Graphics¹
- Dual-Fan Cooling with Metal AeroBlade™ 3D¹

1. Specifications vary depending on model and/or region.





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 system¹	Windows 10 Home 64-bit		
CPU and chipset¹	Intel® Core™ i7-8750H processor Intel® Core™ i5-8300H processor		Intel® HM370 Mobile PCH chipset
Memory^{1, 3, 4, 5}	Dual-channel DDR4 SDRAM support: • Up to 16 GB of DDR4 system memory, upgradable to 32 GB using two soDIMM modules		
Display⁶	15.6" 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 refresh rate. • 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, 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^{1, 7}	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	<ul style="list-style-type: none"> Optimized Dolby® Audio Premium sound enhancement Acer TrueHarmony Plus technology for lower distortion, wider frequency range, headphone-like audio and powerful sound Acer Purified. Voice technology with two built-in microphones Compatible with Cortana with Voice Certified for Skype for Business Two built-in stereo speakers 		
Storage^{1, 8}	Solid state drive: <ul style="list-style-type: none"> 512 / 256 GB, PCIe Gen3, 8 Gb/s up to 4 lanes, NVMe 16GB, PCIe Gen3, 8 Gb/s up to 2 lanes, NVMe, supporting Intel® Optane™ Memory 512 / 256 / 128 GB, SATA 6 Gb/s 	Hard disk drive: <ul style="list-style-type: none"> 1 TB 2.5-inch 7200 RPM 2 / 1 TB 2.5-inch 5400 RPM Card Reader: SD™ / SDXC™ card reader (accepts cards up to 128 GB capacity)	
Webcam¹	HD webcam with 1280 x 720 resolution and 720p HD audio/video recording, Super high dynamic range imaging (SHDR)		
Wireless and networking¹	WLAN: <ul style="list-style-type: none"> 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 	WPAN: <ul style="list-style-type: none"> Bluetooth® 5.0 LAN: <ul style="list-style-type: none"> Gigabit Ethernet Wake-on-LAN ready 	
Privacy control¹	BIOS user, supervisor, HDD passwords		Kensington lock slot
Dimensions and weight⁹	Dimensions: • 390 (W) x 266 (D) x 26.75 (H) mm (15.35 x 10.47 x 1.05 inches)	Weight: • 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^{1, 10}	ACPI 5.0 CPU power management standard: supports Standby and Hibernation power-saving modes Power adapter: <ul style="list-style-type: none"> 3-pin 180 W AC adapter 3-pin 135 W AC adapter 	Battery: <ul style="list-style-type: none"> 48 Wh 3220 mAh 15.2 V 4-cell Li-ion battery Battery life up to 7 hours 	
Input and control	Keyboard: 103-/104-/107-key FineTip backlit keyboard with independent standard numeric keypad, international language support and power button Touchpad: Multi-gesture touchpad with two buttons, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands <ul style="list-style-type: none"> Microsoft Precision Touchpad certification 		
Windows Desktop Apps¹¹	<ul style="list-style-type: none"> Acer Care Center Acer Collection 	<ul style="list-style-type: none"> Acer Configuration Manager Quick Access 	<ul style="list-style-type: none"> Acer Product Registration PredatorSense
Warranty	One-year International Travelers Warranty (ITW)		

1. 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.
 2. 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.
 3. Resolution/refresh rates depend on display capability and color/depth settings.
 4. 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.
 5. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
 6. 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.
 7. Bundled software may vary depending on hardware configuration, OS and regional availability.
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