

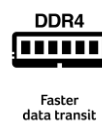


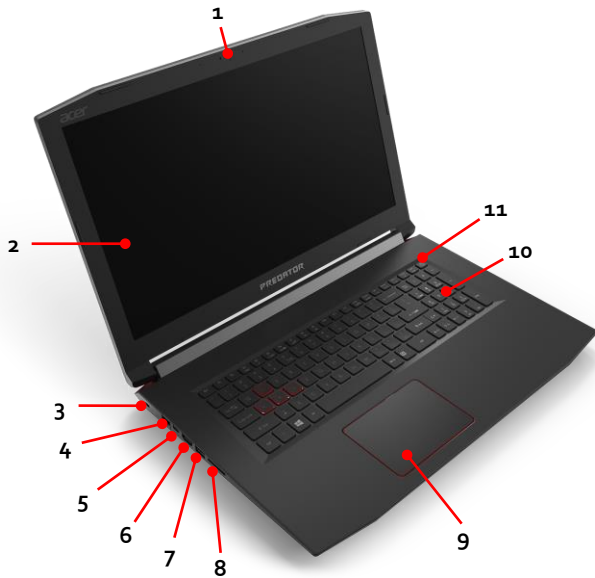
Predator Helios 300

PH317-51

Ignite Fusion

- Aggressively Designed Metal Form Factor
- 7th Gen Intel® Core™ i7 Processor
- NVIDIA® GeForce® GTX 1060 Graphics
- Dual-Fan Cooling with Metal AeroBlade™ 3D





Product views	<ol style="list-style-type: none"> Webcam and microphones 15.6" LCD display Kensington lock slot Ethernet (RJ-45) port USB Type-C™ port (USB 3.1 Gen 1) HDMI® 2.0 port USB 3.0 port SD card reader Touchpad Keyboard Power button Headset/speaker jack Two USB 2.0 ports Power connector (DC-in) 								
Operating system^{1,2}	Windows 10 Home 64-bit								
CPU and chipset¹	<ul style="list-style-type: none"> Intel® Core™ i7-7700HQ processor Intel® Core™ i5-7300HQ processor Intel® HM175 Mobile PCH chipset 								
Memory^{1,3,4,5}	Dual-channel DDR4 SDRAM support: <ul style="list-style-type: none"> Up to 16 GB of DDR4 system memory, upgradable to 32 GB using two soDIMM modules 								
Display⁶	17.3" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, high-brightness (300 nits) Acer ComfyView™ LED-backlit TFT LCD <ul style="list-style-type: none"> 16:9 aspect ratio, NTSC 72% Wide viewing angle up to 170 degrees Slim design Mercury free, environment friendly 								
Graphics¹	<ul style="list-style-type: none"> NVIDIA® GeForce® GTX 1060 with 6 GB of dedicated GDDR5 VRAM NVIDIA® GeForce® GTX 1050 Ti with 4 GB of dedicated GDDR5 VRAM 								
Audio⁷	<ul style="list-style-type: none"> Optimized Dolby® Audio Premium sound enhancement Acer TrueHarmony 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^{1,8}	<table border="0"> <tr> <td>Solid state drive</td> <td>Hard disk drive</td> <td>Card Reader</td> </tr> <tr> <td> <ul style="list-style-type: none"> 512 / 256 / 128 GB, SATA 6 Gb/s SSD </td> <td> <ul style="list-style-type: none"> 2 / 1 TB 2.5-inch 5400 RPM HDD </td> <td> <ul style="list-style-type: none"> SD™ / SDXC™ card reader (accepts cards up to 128 GB capacity) </td> </tr> </table>	Solid state drive	Hard disk drive	Card Reader	<ul style="list-style-type: none"> 512 / 256 / 128 GB, SATA 6 Gb/s SSD 	<ul style="list-style-type: none"> 2 / 1 TB 2.5-inch 5400 RPM HDD 	<ul style="list-style-type: none"> SD™ / SDXC™ card reader (accepts cards up to 128 GB capacity) 		
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Webcam¹	HD webcam with 1280 x 720 resolution and 720p HD audio/video recording, Super high dynamic range imaging (SHDR)								
Wireless and networking¹	<table border="0"> <tr> <td>WLAN</td> <td>WPAN</td> </tr> <tr> <td> <ul style="list-style-type: none"> Intel® Dual Band Wireless-AC, 802.11ac/a/b/g/n wireless LAN with Acer Nplify™ Operates at 2.4 GHz and 5 GHz 2x2 MIMO technology 802.11a/b/g/n/ac wireless LAN Operates at 2.4 GHz and 5 GHz </td> <td> <ul style="list-style-type: none"> Bluetooth® 4.0 </td> </tr> <tr> <td>LAN</td> <td></td> </tr> <tr> <td> <ul style="list-style-type: none"> Gigabit Ethernet Wake-on-LAN ready </td> <td></td> </tr> </table>	WLAN	WPAN	<ul style="list-style-type: none"> Intel® Dual Band Wireless-AC, 802.11ac/a/b/g/n wireless LAN with Acer Nplify™ Operates at 2.4 GHz and 5 GHz 2x2 MIMO technology 802.11a/b/g/n/ac wireless LAN Operates at 2.4 GHz and 5 GHz 	<ul style="list-style-type: none"> Bluetooth® 4.0 	LAN		<ul style="list-style-type: none"> Gigabit Ethernet Wake-on-LAN ready 	
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Privacy control¹	BIOS user, supervisor, HDD passwords Kensington lock slot								
Dimensions and weight⁹	Dimensions: 432.3 (W) x 289.9 (D) x 29 (H) mm (17.02 x 11.41 x 1.14 inches) Weight: 3 kg (6.61 lbs.) with 4-cell battery pack (SSD+HDD) 2.8 kg (6.17 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: 3-pin 180 W AC adapter, 3-pin 135 W AC adapter Battery: 48 Wh 3220 mAh 15.2 V 4-cell Li-ion battery Battery life up to 6.5 hours								
Input and control	Keyboard: 103-/104-/107-key, Acer FineTip keyboard with independent standard numeric keypad, international language support Touchpad: Multi-gesture touchpad, 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 Acer Configuration Manager Quick Access Office 2016 								
Warranty	One-year International Travelers Warranty (ITW)								
<ol style="list-style-type: none"> 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. Dolby® is a registered trademark of Dolby® Laboratories. Dolby® Home Theater® is a trademark of Dolby® Laboratories. 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 2014⁴ 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. Bundled software may vary depending on hardware configuration, OS and regional availability. 									

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. 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. © 2017. All rights reserved.

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