Aspire 3

Windows 10

intel CORE i7

intel CORE i5

intel CORE i3

Elevated Design

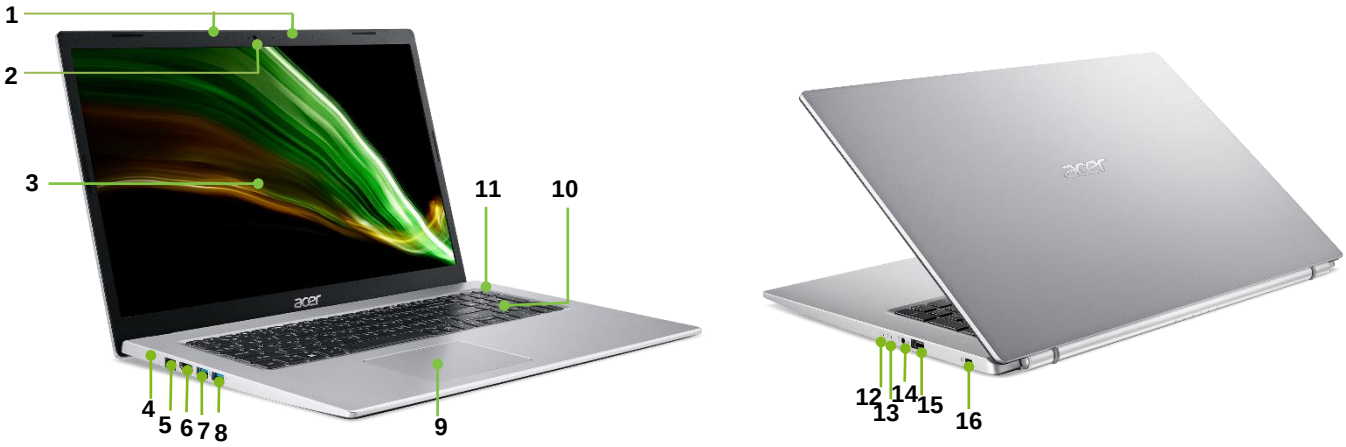
Narrow Bezel

802.11ac Wireless Connection

DDR4

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

SPECIFICATIONS Aspire 3 A317-53/ A317-53G



Product views	**1.** Microphones **2.** Webcam **3.** 17" display **4.** DC-in jack for power adapter	**5.** RJ-45 port **6.** HDMI® port **7.** USB 3.2 port **8.** USB 3.2 port	**9.** Touchpad **10.** Keyboard **11.** Power button **12.** Power indicator	**13.** Battery indicator **14.** Headset/speaker jack **15.** USB 2.0 port **16.** Kensington lock slot
Operating system[1, 2]	**Windows 10 Home 64-bit**			
CPU and chipset[1]	**Intel® Core™ i7-1165G7** processor **Intel® Core™ i5-1135G7** processor **Intel® Core™ i3-1115G4** processor			
Memory[1, 3, 4]	DDR4 SDRAM support: 4 GB of onboard DDR4 system memory, up to 8GB Up to 16 GB of dual-channel DDR4 system memory			
Display[5]	17.3" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, Acer ComfyView™ LED-backlit TFT LCD • 16:9 aspect ratio, 45% NTSC color gamut • Wide viewing angle up to 170 degrees • Mercury free, environment friendly		17.3" HD+ 1600 x 900 resolution, high-brightness Acer CineCrystal™ LED-backlit TFT LCD • 16:9 aspect ratio • 60% color gamut • Ultra-Slim design • Mercury free, environment friendly	
Graphics[1,14]	**Intel® Iris® Xᵉ Graphics**	**Intel® UHD Graphics**	**NVIDIA® GeForce® MX350**	
Audio	• Two built-in stereo speakers • Built-in digital microphone			
Storage[1,6,7]	**SSD:** 1 TB / 512 GB / 256 GB / 128 GB, PCIe Gen3 8 Gb/s up to 4 lanes, NVMe		**HDD:** 1 TB 2.5-inch 5400 RPM	
Webcam[1]	HD webcam with 1280 x 720 resolution		720p HD audio/video recording	
Wireless and networking[1]	**WLAN:** • Intel® Wireless AC 9461/9462 • 802.11a/b/g/n/ac wireless LAN • Dual Band (2.4 GHz and 5 GHz) • 1x1 MU-MIMO technology	• Operates at 2.4 GHz and 5 GHz • Supports Bluetooth® 5.0 **WPAN:** • Bluetooth® 5.0	**LAN:** • Gigabit Ethernet, Wake-on-LAN ready	
Dimensions and weight[8,9]	**Dimensions:** • 403.5 (W) x 263.7 (D) x 20.9 (H) mm (15.89 x 10.38 x 0.82 inches)		**Weight:** • 2.5 kg (5.51 lbs.) with 2-cell battery pack, one hard drive and one SSD	
Power adapter and battery[10,11,]	**Power adapter:** 3-pin 45 W AC adapter	**Battery (A317-53)** 36.7 Wh 2-cell Li-ion battery Battery life: Up to 7 hours (based on MobileMark® 2014 test results) Up to 7 hours (based on video playback test results)	**Battery (A317-53G)** 36.7 Wh 2-cell Li-ion battery Battery life: Up to 8 hours (based on MobileMark® 2014 test results) Up to 9 hours (based on video playback test results)	
Input and control	**Keyboard:** 100-/101-/104-key FineTip keyboard with independent numeric keypad, international language support, and power button **Media Keys:** Media control keys (printed on keyboard): play/pause, stop, previous, next, volume up, volume down **Touch Pad:** Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands • Microsoft Precision Touchpad certification • Moisture resistant			
Windows Desktop apps[12]	• Acer Care Center	• Acer Product Registration		
Warranty	One-year International Travelers Warranty (ITW)			

1. Specifications vary depending on model.
2. 64-bit software is required to enjoy the advantages of 64-bit processing.
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.
4. Memory speed may vary, depending on the CPU, chipset or memory fitted.
5. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
6. 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. Acer Recovery Management uses a portion of the stated hard disk capacity as dedicated backup space
7. 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.
8. Minor variations in system dimensions are possible due to the manufacturing process.
9. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options
10. Listed battery life is based on testing using video playback. The test clip loops and continues to run, without interruption or any other inputs, until the battery is drained. Stated battery life is for comparison purpose only. Actual battery life varies by model, configuration, applications, video chip format and features used. A battery's maximum capacity decreases with time and use. Battery life test configuration: 11th Gen Intel® Core™ i7, NVIDIA® GeForce® MX350, FHD, HDD + SSD, 2GB of DDR4 memory. Battery life test condition: LCD brightness 150 nits, connected headphones, WLAN off, Bluetooth off and Better Battery Mode on.
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.
12. Bundled software may vary depending on hardware configuration, OS and regional availability.
13. 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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