# Aspire 5

Windows 10

intel CORE i7 8th Gen

intel CORE i5 8th Gen

intel CORE i3 8th Gen

Aluminum Top Cover

Narrow Bezel

MIMO
Up to 2X faster Wireless

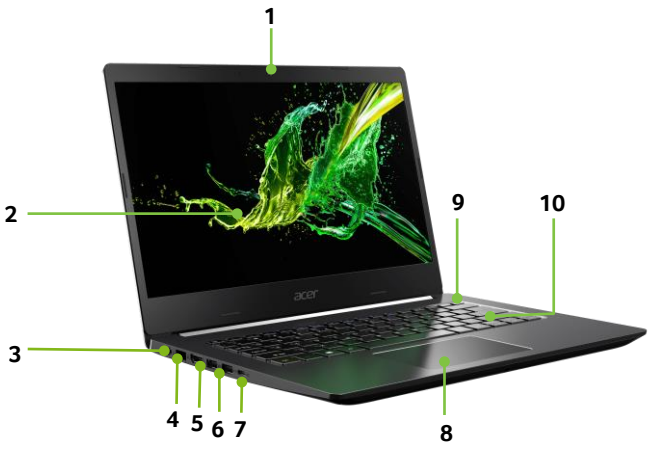
USB 3.1
Power-Off USB Charging

Precision Touchpad

USB 3.1
Reversible type-C connector

TrueHarmony™

# SPECIFICATIONS — Aspire 5 — A514-52 / A514-52G



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Product views** | **1.** Webcam | **5.** HDMI® port | **8.** Touchpad | **11.** Headset/speaker jack |
| | **2.** 14.0" display | **6.** USB 3.1 ports | **9.** Power button | **12.** USB 2.0 port |
| | **3.** DC-in jack for power adapter | **7.** USB Type-C port | **10.** Keyboard | **13.** Kensington lock slot |
| | **4.** RJ-45 port | | | |
| **Operating system**[1, 2] | **Windows 10 Home 64-bit** | | | |
| **CPU and chipset**[1] | **Intel® Core™ i7-8565U** processor | **Intel® Core™ i5-8265U** processor | **Intel® Core™ i3-8145U** processor | |
| **Memory**[1, 3, 4, 5] | Dual-channel DDR4 SDRAM support 4 GB of onboard DDR4 system memory, up to 12 GB of DDR4 system memory | | | |
| **Display**[6] | 14.0" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, high-brightness Acer ComfyView™ LED-backlit TFT LCD<br>• 16:9 aspect ratio<br>• Wide viewing angle up to 170 degrees<br>• Mercury free, environment friendly | | 14" HD 1366 x 768 resolution Acer ComfyView™ LED-backlit TFT LCD<br>• 16:9 aspect ratio<br>• Ultra-slim design<br>• Mercury free, environment friendly | |
| **Graphics**[1] | **Intel® UHD Graphics 620** (A514-52 only) | | **NVIDIA® GeForce® MX250** (A514-52G only) | |
| **Audio** | • Acer Purified.Voice technology with two built-in microphones. Features include far-field pickup, keystroke suppression, voice tracking, adaptive beam forming, voice recognition enhancement, three pre-defined modes: voice recognition, personal call, conference call<br>• Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound<br>• Compatible with Cortana with Voice<br>• Two built-in stereo speakers | | | |
| **Storage**[1, 7] | **SSD:**<br>• 512 GB / 256 GB, PCIe Gen3 8 Gb/s up to 2 lanes, NVMe<br>• 128 GB, PCIe Gen3, 8 Gb/s, NVMe | | **HDD:**<br>• 2 TB / 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:**<br>• Intel® Wireless-AC 9560, 802.11a/b/g/n/ac wireless LAN<br>• Dual Band (2.4 GHz and 5 GHz)<br>• 2x2 MU-MIMO technology<br>• 802.11a/b/g/n/ac wireless LAN | | **WPAN:**<br>• Bluetooth® 5.0<br>**LAN:**<br>• Gigabit Ethernet, Wake-on-LAN ready | |
| **Privacy control**[1] | BIOS user, supervisor, HDD passwords, Kensington lock slot | | | |
| **Dimensions and weight**[8, 9] | **Dimensions:**<br>• 328.8 (W) x 236 (D) x 17.95 (H) mm (12.94 x 9.29 x 0.71 inches) | | **Weight:**<br>• 1.6 kg (3.53 lbs.) with 4-cell battery pack, one hard drive and one SSD<br>• 1.5 kg (3.31 lbs.) with 4-cell battery pack, one SSD<br>• 1.6 kg (3.53 lbs.) with 3-cell battery pack, one hard drive and one SSD<br>• 1.5 kg (3.31 lbs.) with 3-cell battery pack, one SSD | |
| **Power adapter and battery**[10] | **Power adapter:**<br>3-pin 45 W AC adapter (A514-52 only)<br>3-pin 65 W AC adapter (A514-52G only) | | **Battery:**<br>• 48 Wh 4-cell Li-ion battery pack (for models with Full HD Panel + HDD + SSD)<br>Battery life up to 12.5 hours (based on MobileMark® 2014 test results)<br>Battery life up to 14 hours (based on video playback test results)<br>Battery life up to 14 hours (based on web browsing test results)<br>• 48 Wh 3-cell Li-ion battery pack (for models with Full HD Panel + HDD + SSD)<br>Battery life up to 12.5 hours (based on MobileMark® 2014 test results)<br>Battery life up to 14 hours (based on video playback test results)<br>Battery life up to 14 hours (based on web browsing test results) | |
| **Input and control** | **Keyboard:**<br>83-/84-/87-key full-size FineTip backlit keyboard with international language support<br>83-/84-/87-key Acer FineTip keyboard with international language support<br>**Media Keys:**<br>Media control keys (printed on keyboard): volume up, volume down<br>**Touchpad:**<br>Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands<br>• Microsoft Precision Touchpad certification<br>• Moisture resistant | | | |
| **Windows Desktop apps**[11] | • Acer Care Center<br>• Acer Configuration Manager | • Quick Access<br>• Norton™ Internet Security | • 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. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.
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. 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.
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 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.
11. 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.
© 2019. All rights reserved.
Microsoft and Windows are registered trademarks of Microsoft Corporation.
Ultrabook, Celeron, Celeron Inside, Core Inside, Intel, Intel Logo, Intel Atom, Intel Atom Inside, Intel Core, Intel Inside, Intel Inside Logo, Intel vPro, Itanium, Itanium Inside, Pentium, Pentium Inside, vPro Inside, Xeon, Xeon Phi, Xeon Inside, and Intel Optane are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

**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 for more information.