

acer



Iconia One 10



Quad-core



Android™ 8.1



Resolution



Resolution



Wide viewing angle



Up to 128GB



Iconia Suite



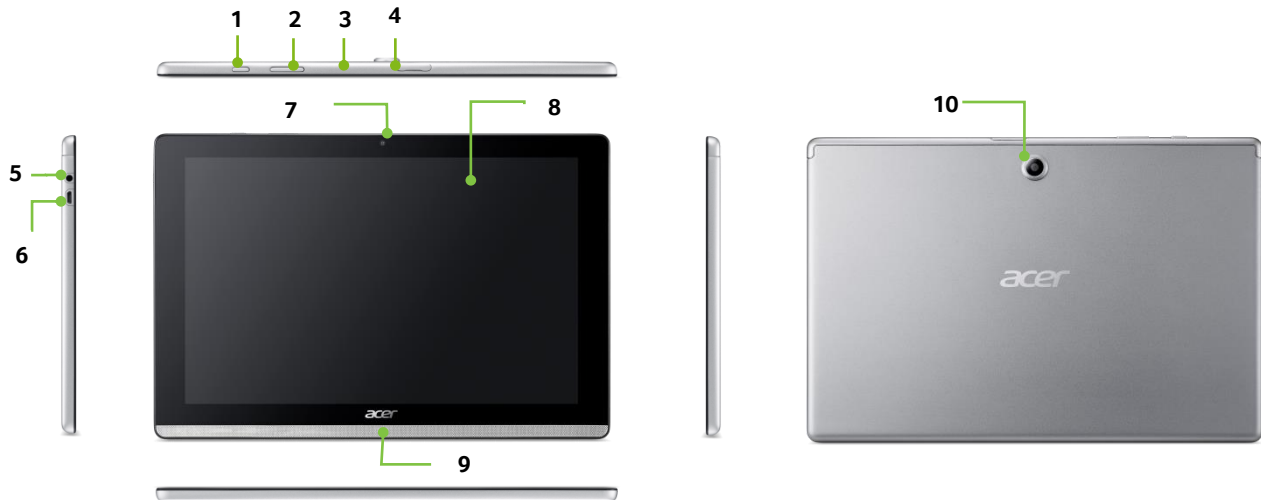
5MP Main Camera



SPECIFICATIONS

Iconia One 10

B3-A50 / B3-A50FHD



| | | | |
|---|---|--|--|
| Product views | 1. Power button 2. Volume button 3. Microphone 4. Cover for microSD™ card slot | 5. Headphone jack 6. Micro USB port 7. Front camera 8. Touchscreen | 9. Speaker 10. Rear camera |
| Operating system ^{1,2} | Android™ 8.1 Oreo™ | | |
| CPU and chipset ¹ | MTK MT8167A quad-core Cortex A35 1.5 GHz processor (B3-A50FHD only) | | MTK MT8167 quad-core Cortex A35 1.3 GHz processor (B3-A50 only) |
| Memory ^{1,3,4,5} | 2 GB of onboard DDR4 memory | | |
| Display ^{1,6} | 10.1" display with IPS (In-Plane Switching) technology, FHD 1920 x 1200, high-brightness, LED-backlit TFT LCD (B3-A50FHD only) <ul style="list-style-type: none"> Wide viewing angle Mercury free, environment friendly | | 10.1" display with IPS (In-Plane Switching) technology, HD 1280 x 800, high-brightness LED-backlit TFT LCD with integrated multi-touch, supporting 10-finger touch (for B3-A50 only) <ul style="list-style-type: none"> 16:10 aspect ratio Wide viewing angle Super-slim design Mercury free, environment friendly |
| Storage ⁷ | <ul style="list-style-type: none"> 16 GB / 32 GB eMMC Card reader <ul style="list-style-type: none"> SD™ / SDXC™ card reader (accepts cards up to 128 GB capacity) | | |
| Audio | <ul style="list-style-type: none"> Optimized DTS-Headphone: X Sound™, featuring DTS Headphone: X® decoder, Virtual Surround Sound and Audio Enhancements Two built-in stereo speakers Built-in microphone | | |
| Webcam ¹ | Rear camera with: <ul style="list-style-type: none"> 5 MP (2560 x 1920) resolution 1080p Full HD audio/video recording (B3-A50FHD only) 720p HD audio/video recording (B3-A50 only) | Front camera with: <ul style="list-style-type: none"> 2 MP (1600 x 1200) resolution 720p HD audio/video recording | |
| Wireless and networking ¹ | WLAN <ul style="list-style-type: none"> 802.11a/b/g/n/ac wireless LAN Operates at 2.4 GHz and 5 GHz | WPAN <ul style="list-style-type: none"> Bluetooth® 4.1 | Location services <ul style="list-style-type: none"> GPS GLONASS support |
| Color options | Silver + Black TP, Gold + Black TP (B3-A50FHD only) | | Silver (B3-A50 only) |
| Dimensions and weight ⁸ | Dimensions: 170 (W) x 253.9 (D) x 8.3 / 8.3 (H) mm (6.69 x 10 x 0.33 / 0.33 inches) Weight: 0.56 kg (1.23 lbs.) with 2-cell battery pack (B3-A50FHD only) | | Dimensions: 170 (W) x 253.9 (D) x 8.3 / 8.3 (H) mm (6.69 x 10 x 0.33 / 0.33 inches) Weight: 0.55 kg (1.21 lbs.) with 2-cell battery pack (B3-A50 only) |
| Power adapter and battery ^{1,9} | Power adapter <ul style="list-style-type: none"> 2-pin 10 W AC adapter | Battery <ul style="list-style-type: none"> 22.4 Wh 6100 mAh 3.7 V 2-cell Li-ion battery pack Battery life up to 8 hours (B3-A50FHD only) Battery life up to 10 hours (B3-A50 only) | |
| Input and control | Control Keys <ul style="list-style-type: none"> Power button Volume up, volume down | | |
| Input and output | Micro USB 2.0 port, supports OTG microSD™ card up to 128 GB (SDXC compatible, exFAT compatible) | | |
| Sensors | Accelerometer (G-sensor) | | |
| System compliance | RoHS, WEEE, SMT green process | | |
| Options and accessories | 2-pin 10 W AC adapter Micro USB 2.0 to USB 2.0 cable | | |
| Warranty | One-year International Travelers Warranty (ITW) | | |

1. Specifications vary depending on model.
2. Android is a trademark of Google LLC. Oreo is a trademark of Mondelez International, Inc. group.
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. Recovery Management uses a portion of the stated hard disk capacity as dedicated backup space.
8. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
9. The listed battery life is obtained by simulating watching video clips stored on the mobile device. 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 purposes only. Actual battery life varies by model, configuration applications, power management settings, operating conditions, video clip format, and features used. A battery's maximum capacity decreases with time and use.

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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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.