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Acer Liquid Z320 Quick Guide

Model: T012

This revision: 07/2015

Product information

For detailed product information, please go to **www.acer.com**.

For service and support information, or to download the User Guide, drivers and applications, please follow the instructions below:

1. Go to **www.acer.com** and click **Support** > **DRIVERS AND MANUALS**.
2. Select appropriate items from **Group** > **Series** > **Products**.
3. Select the operating system from the drop-down menu.

Acer Liquid Z320 Smartphone

Model number:_____

Serial number: _____

Date of purchase: _____

Place of purchase: _____

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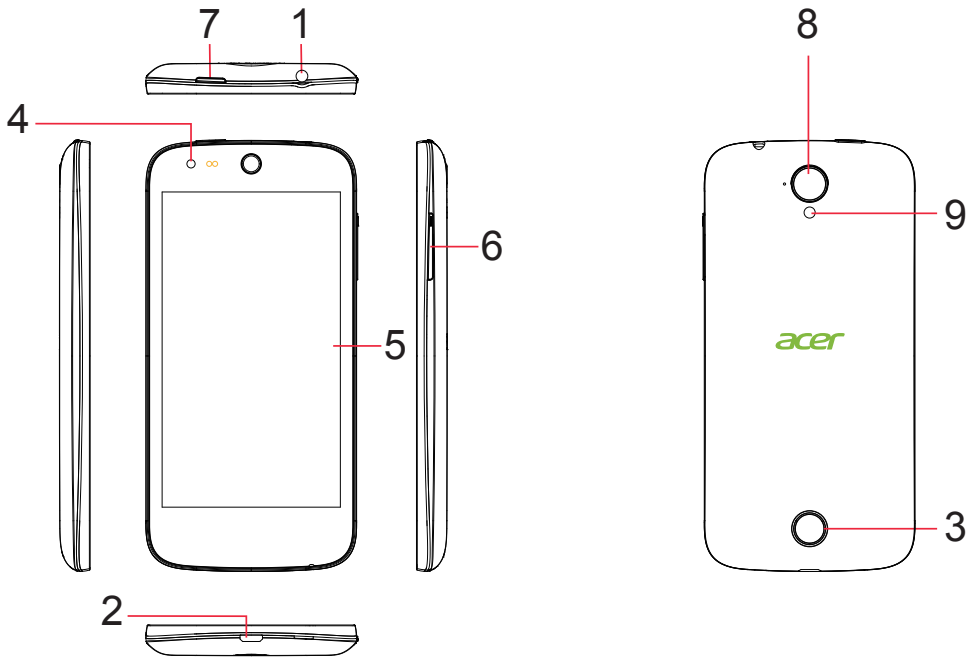
Your smartphone



No.	Item	Description
1	3.5 mm headphone jack	Connects to stereo headphones.
2	Micro USB connector	Connects to a USB cable/charger.
3	Smartphone speaker	Emits audio from your smartphone; suitable for holding to your ear.
4	Front-facing camera	Use for self-portrait images and online video chat.
5	Touchscreen	4-inch capacitive touchscreen to display data, smartphone content and enter information.
6	Volume up/down button	Increases or decreases the smartphone volume.
7	Power button	Press to turn the screen on/off or enter sleep mode; press and hold to turn the smartphone on or off.
8	Camera	A camera for taking high-resolution images.
9	Flash	LED flash for camera.

Note:

For more on how your computer can help you to be more productive, please refer to the User's Manual. The User's Manual can be downloaded from the Acer support website by going to: http://go.acer.com/?id=17883

Specifications

Note
Specifications may vary depending on region and configuration.

Performance

- 1.1 GHz quad-core processor
- System memory (8 GB) :
  - 8 GB

- Android operating system

Display

- 4.5” IPS LCD,FWVGA 480 x 854 16:9 ratio resolution

Multimedia

Formats supported:

Type	Formats
Image	JPEG, GIF, PNG, BMP
Audio playback	MP3, AMR, AAC LC, AAC+, eAAC+, Vorbis, FLAC, MIDI, WAVE
Ringtone	MP3, AMR, AAC LC, AAC+, eAAC+, Vorbis, FLAC, MIDI, WAVE
Video recording	H.263, H.264, MPEG4
Video playback	H.263, H.264, MPEG4, VP8

USB connector

- Micro USB connector
- USB client
- DC power-in (5V, 1A)

Connectivity

- Bluetooth 4.0 + EDR
- IEEE 802.11b/g/n
- US : WCDMA 850(B5) / 1900(B2) / 1700(B4) MHz

Å GSM 850 / 900 / 1800 / 1900 MHz

- HSPA / GPRS / EDGE
- GPS

Frequencies depend on model.

Camera

- 5 MP rear camera
  - LED flash
- 2 MP front camera
  - Fixed focus

Expansion

- microSD memory card slot (up to 32 GB)

Battery

- 2000 mAh Li-Polymer battery (replaceable)

Note

Length of battery operation will depend on power consumption which is based on system resource use. For example, constantly using the backlight or using power-demanding apps will shorten battery life between charges.

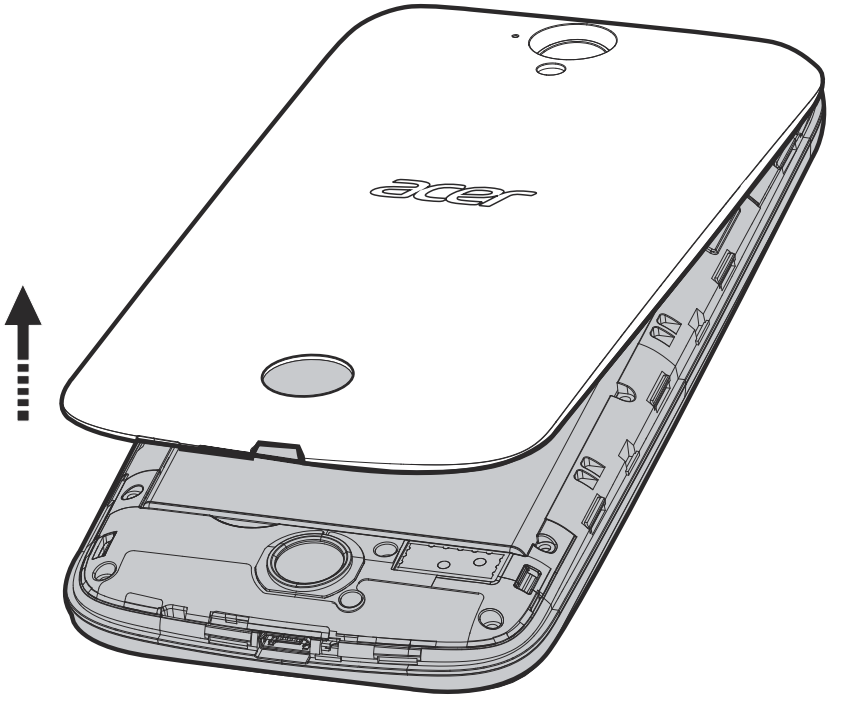
Dimensions

Height	136 mm
Width	66.5 mm
Thickness	9.8 mm
Weight	142 g (with battery)

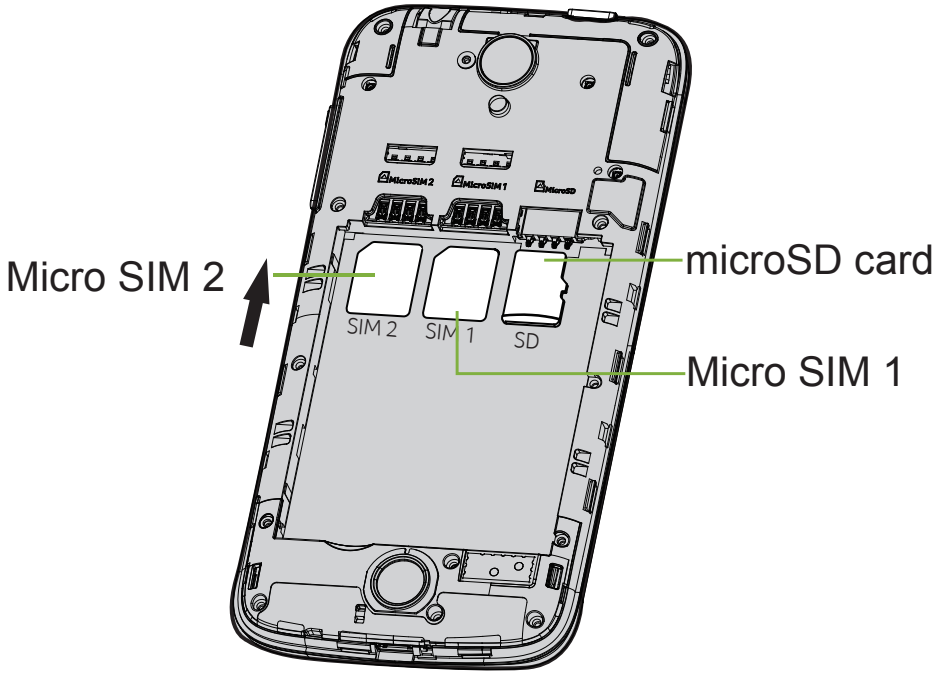
Setting up for the first time

Inserting the SIM cards and microSD card

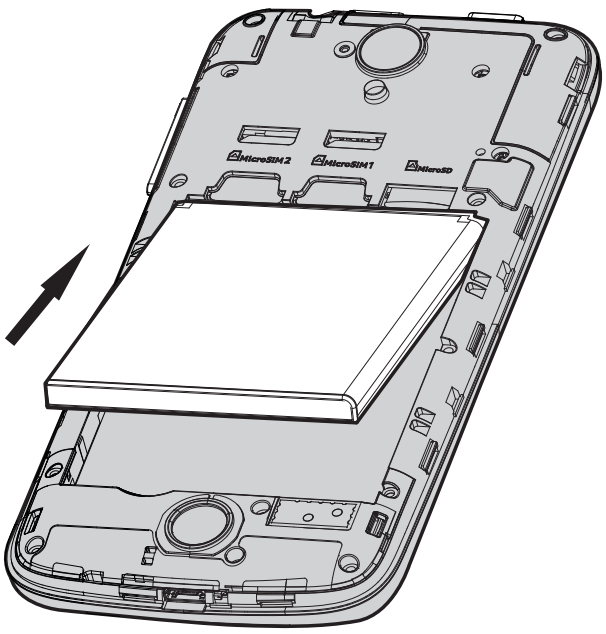
1. Turn off the phone by pressing and holding the power button.
2. Insert your fingernail into the notch located at the bottom of the phone and remove the cover as illustrated.



3. Insert the SIM or microSD card as shown.



4. Align the gold-colored connectors on the battery with the connectors at the top of the battery compartment and insert the battery.



5. Replace the cover by aligning the tabs on the cover into the slots on the phone. Gently press the cover until it snaps in place.

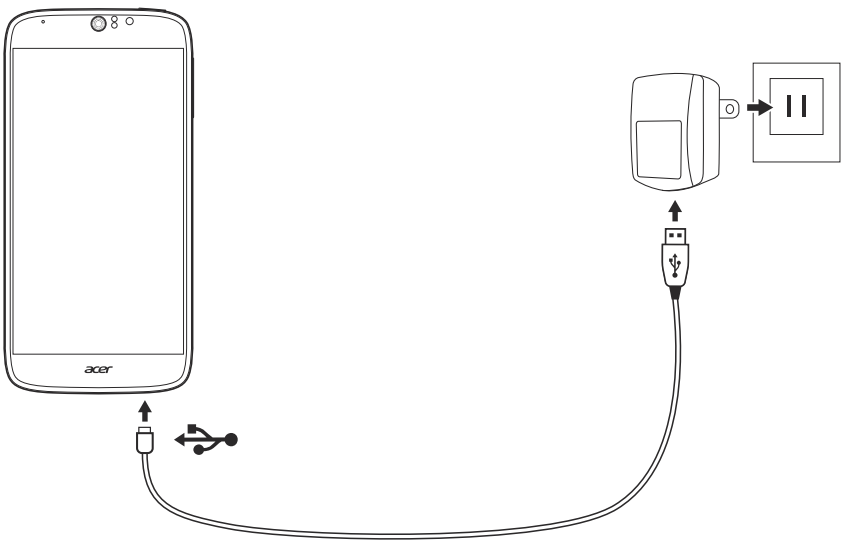
Charging your phone

For initial use, you need to charge your smartphone for eight hours. After that you can recharge the battery as needed.

Connect the AC adapter cord to the micro USB connector on your smartphone. Plug the AC adapter into any AC outlet and charge the device.

It is normal for the phone to heat up when charging or during long periods of use.

All phones are factory tested before release.



Resetting and restarting the phone

Open **Settings** from the Applications menu, then tap **Backup & reset**. Tap **Factory data reset** and then tap **Reset phone**. Tap **Erase everything** to format your phone.

If your phone is no longer responding, press and hold the power button for 10 seconds to restart the phone.

Safety

Battery information

This product uses a Lithium-polymer battery. Do not use it in a humid, wet and/or corrosive environment. Do not put, store or leave your product in or near a heat source, in a high temperature location, in strong direct sunlight, in a microwave oven or in a pressurized container, and do not expose it to temperatures over 60 °C (140 °F). Failure to follow these guidelines may cause the battery to leak acid, become hot, explode or ignite and cause injury and/or damage. Do not pierce, open or disassemble the battery. If the battery leaks and you come into contact with the leaked fluids, rinse thoroughly with water and seek medical attention immediately. For safety reasons, and to prolong the lifetime of the battery, charging will not occur at low (below 0 °C/ 32 °F) or high (over 45 °C/113 °F) temperatures.

The full performance of a new battery is achieved only after two or three complete charge and discharge cycles. The battery can be charged and discharged hundreds of times, but it will eventually wear out. When the talk and standby times are noticeably shorter than normal, buy a new battery. Use only manufacturer approved batteries, and recharge your battery only with manufacturer approved chargers designated for this device.

Unplug the charger from the electrical plug and the device when not in use. Do not leave a fully charged battery connected to the AC charger, since overcharging may shorten its lifetime. If left unused, a fully charged battery will lose its charge over time. If the battery is completely discharged, it may take a few minutes before the charging indicator appears on the display or before any calls can be made.

Use the battery only for its intended purpose. Never use any charger or battery that is damaged.

Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object such as a coin, clip, or pen

causes direct connection of the positive (+) and negative (-) terminals of the battery. These look like metal strips on the battery. This might happen, for example, when you carry a spare battery in your pocket or purse. Short-circuiting the terminals may damage the battery or the connecting object. Leaving the battery in hot or cold places, such as in a closed car in summer or winter conditions, will reduce the capacity and lifetime of the battery. Always try to keep the battery between 15 ℃ and 25 ℃ (59 ℉ and 77 °F). A device with a hot or cold battery may not work temporarily, even when the battery is fully charged. Battery performance is particularly limited in temperatures well below freezing.

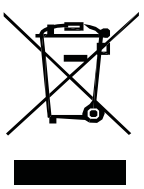
Do not dispose of batteries in a fire as they may explode. Batteries may also explode if damaged. Dispose of batteries according to local regulations. Please recycle when possible. Do not dispose as household waste.

Replacing the battery

Your smartphone uses a Lithium-polymer battery. Replace the battery with the same type as that which came bundled with your product. Use of another battery may present a risk of fire or explosion.

Warning! Batteries may explode if not handled properly. Do not disassemble or dispose of them in fire. Keep them away from children. Follow local regulations when disposing of used batteries.

Disposal and recycling information



Do not throw this electronic device into the trash when discarding.

To minimize pollution and ensure utmost protection of the global environment, please recycle. For more information on the Waste from Electrical and Electronics Equipment (WEEE) regulations, visit **www.acer-group.com/public/Sustainability/sustainability01.htm**

FCC regulations

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiated radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IC regulations

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

CAN ICES-3(B)/NMB-3(B)

RF exposure information (SAR)

This device meets the FCC/IC requirements on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

The unit of measurement for the FCC/IC limit is the "Specific Absorption Rate" (SAR). The SAR limit set by the FCC/IC is 1.6 W/kg, averaged over 1 g of tissue. The FCC and IC have granted an Equipment Authorization for this device with all reported SAR levels evaluated as in compliance with the FCC and IC RF exposure guidelines. SAR information on this device is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid after searching on the FCC ID for your device, which can be found on the product labeling of your device.

For body-worn operation, this device has been tested use with accessories that contain no metal and that position the handset a minimum of 1.0 cm from the body. Use of other accessories may not ensure compliance with RF exposure. If you do not use a body-worn accessory and are not holding the device at the ear, position the handset a minimum of 1.0 cm from your body when the device is switched on.

During use, the actual SAR level is usually much lower than the maximum value. In general, the closer you are to a base station, the lower the transmission output of your device. To reduce exposure to RF energy, use a hands-free accessory or other similar option to keep this device away from your head and body.

This phone meets the FCC and IC requirements on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

The highest SAR value of this device is listed below:

	FCC (W/kg @1g)	IC (W/kg @1g)
Head	0.54	0.54
Body	1.31	1.31

Informations sur l’exposition à la radiofréquence (DAS)

Cet appareil est conforme aux exigences de la IC sur la limitation d’exposition du public général aux champs électromagnétiques pour protéger la santé.

L’unité de mesure de la limite recommandée par la IC est le « débit d’absorption spécifique » (DAS). La limite DAS définie par la IC est 1,6 W/kg, sur une moyenne de 1 g de peau. La IC ont accordé une autorisation d’équipement pour ce modèle d’appareil avec tous les niveaux de DAS indiqués comme respectant les recommandations d’exposition RF de la IC.

Pour l’utilisation sur le corps, cet appareil a été testé pour une utilisation avec des accessoires ne contenant aucun métal et qui positionnent l’appareil au minimum à 1,0 cm du corps. L’utilisation d’autres accessoires peut ne pas assurer la conformité à l’exposition à la radiofréquence. Si vous n’utilisez pas un accessoire porté sur le corps et ne tenez pas l’appareil à l’oreille, positionnez l’appareil au minimum à 1,0 cm du corpslorsque le téléphone est allumé.

Pendant l’utilisation, le niveau DAS est bien inférieur à la valeur maximale. En général, plus vous êtes proche de la station de base, plus la sortie de transmission de votre appareil est faible. Pour réduire l’exposition à l’énergie de radiofréquence, utilisez un accessoire mains libres ou une autre option similaire pour éloigner cet appareil de votre tête et de votre corps.

Ce téléphone est conforme aux exigences IC sur la limitation d’exposition du public général aux champs électromagnétiques pour protéger la santé.

La valeur DAS la plus élevée de cet appareil est listée ci-dessous.

	IC (W/kg @1g)
Tête	0.54
Corps	1.31