ASUS **Phone**

IN SEARCH OF INCREDIBLE

User Guide

E13402

15060-96230100

Second Edition / September 2017

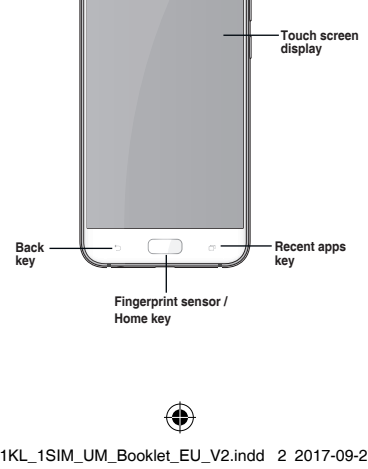
ASUS Phone (Mobile Phone)

Model: ASUS_Z01GS (ZS551KL)

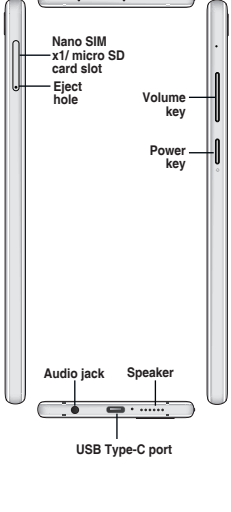
Before you start, ensure that you have read all the safety information and operating instructions in this **User Guide** to prevent injury or damage to your device.

NOTE: For the latest updates and more detailed information, please visit **www.asus.com**.

Front features



Side features



Rear features

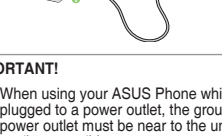
NOTES:

- The Nano SIM card slot supports GSM, WCDMA, FDD-LTE, and TDD-LTE network bands.
- The microSD card slot supports microSD and microSDXC card formats.

Charging your ASUS Phone

To charge your ASUS Phone:

1. Connect the USB connector into the power adapter's USB port.
2. Connect the other end of the USB cable to your ASUS Phone.
3. Plug the power adapter into a wall socket.



IMPORTANT!

- When using your ASUS Phone while it is plugged to a power outlet, the grounded power outlet must be near to the unit and easily accessible.
- When charging your ASUS Phone through your computer, ensure that you plug the USB cable to your computer's USB port.
- Avoid charging your ASUS Phone in an environment with ambient temperature of above 35°C (95°F).

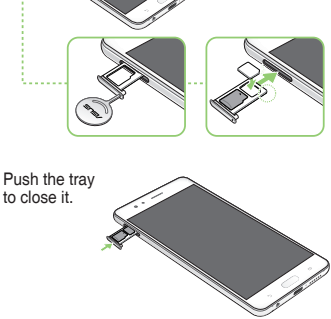
NOTES:

- For safety purposes, use **ONLY** the power adapter and cable that came with your device. Using a different power adapter and cable may damage your device and may cause personal injuries.
- For safety purposes, use **ONLY** the power adapter and cable that came with your device to charge your ASUS Phone.
- The input voltage range between the wall outlet and this adapter is AC 100V - 240V. The output voltage of the USB cable is +9V⎓ 2A, 18W.

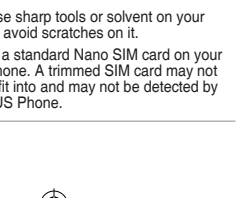
Installing a Nano SIM/ microSD card

To install a Nano SIM/ microSD card:

1. Push the bundled eject pin into the hole on the card slot to eject the tray out.
2. Insert the Nano SIM or microSD card into the appropriate slot.



3. Push the tray to close it.



CAUTION!

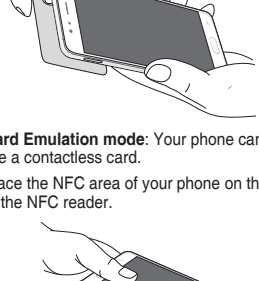
- Do not use sharp tools or solvent on your device to avoid scratches on it.
- Use only a standard Nano SIM card on your ASUS Phone. A trimmed SIM card may not properly fit into and may not be detected by your ASUS Phone.

Using NFC

You can use NFC in the following three scenarios:

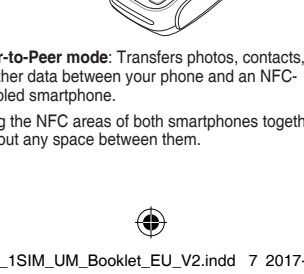
Reader mode: Your phone reads information from a contactless card, NFC tag, or other NFC devices.

Place the NFC area of your phone on the contactless card, NFC tag, or NFC device.



Card Emulation mode: Your phone can be used like a contactless card.

Place the NFC area of your phone on the NFC area of the NFC reader.



Peer-to-Peer mode: Transfers photos, contacts, or other data between your phone and an NFC-enabled smartphone.

Bring the NFC areas of both smartphones together, without any space between them.

Federal Communications Commission Statement

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.

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

This equipment 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 radiate 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.

The antenna(s) used for this transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

The country code selection is for non-US models only and is not available to all US models. Per FCC regulation, all WiFi products that are marketed in US must be fixed to US-operated channels only.

RF Exposure Information (SAR)

This device has been tested and meets applicable limits for Radio Frequency (RF) exposure.

Specific Absorption Rate (SAR) refers to the rate at which the body absorbs RF energy. SAR limits are 1.6 Watts per kilogram (over a volume containing a mass of 1 gram of tissue) in countries that follow the United States FCC limit and 2.0 W/kg (averaged over 10 grams of tissue) in countries that follow the Council of the European Union limit. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands.

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. Carry this device at least 15 mm away from your body to ensure exposure levels remain at or below the as-tested levels. Choose the belt clips, holsters, or other similar body-worn accessories which do not contain metallic components to support operation in this manner. Cases with metal parts may change the RF performance of the device, including its compliance with RF exposure guidelines, in a manner that has not been tested or certified, and use such accessories should be avoided.

The highest FCC SAR values for the device are as follows:

- 1.194 W/Kg @1g (Head)
- 0.547 W/Kg @1g (Body)

The FCC has granted an Equipment Authorization for this device with all reported SAR levels evaluated as in compliance with the FCC 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 FCC ID: MSQZ01GS.

Hearing Aid Compatibility (HAC) regulations for Mobile phones

In 2003, the FCC adopted rules to make digital wireless telephones compatible with hearing aids and cochlear implants. Although analog wireless phones do not usually cause interference with hearing aids or cochlear implants, digital wireless phones sometimes do because of electromagnetic energy emitted by the phone's antenna, backlight, or other components. Your phone is compliant with FCC HAC regulations (ANSI C63.19- 2011). While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise and phones also vary in the amount of interference they generate. The wireless telephone industry has developed a rating system for wireless phones to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box. The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you

hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Your phone meets the M3/T3 level rating.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. For more information about FCC Hearing Aid Compatibility, please go to http://www.fcc.gov/cgb/dro.

EU Radio Equipment Directive Compliance

Simplified EU Declaration of Conformity

Hereby, ASUSTek Computer Inc. declares that the radio equipment ASUS_Z01GS is in compliance with Directive 2014/53/EU. Full text of EU declaration of conformity is available at https://www.asus.com/support/. (Search for ZS551KL)

RF Output Table

Items	Maximum Radio-Frequency Output Power Table	
Bluetooth	Bluetooth BR/EDR (2402~2480 MHz)	10.00 dBm
	Bluetooth 4.0-LE (2402~2480 MHz)	-0.9 dBm
	Bluetooth 5.0-LE (2402~2480 MHz)	-2.4 dBm
WLAN	2.4GHz 802.11b (2412~2472 MHz)	22.7 dBm
	2.4GHz 802.11g (2412~2472 MHz)	21.7 dBm
	2.4GHz 802.11n HT20 (2412~2472 MHz)	20.9 dBm
	5GHz 802.11a (5180~5320, 5500~5700 MHz)	21.99 dBm
	5GHz 802.11n HT20 (5180~5320, 5500~5700 MHz)	21.97 dBm
	5GHz 802.11 n HT40 (5190~5310, 5510~5670 MHz)	21.96 dBm
	5GHz 802.11ac-VHT20 (5180~5320, 5500~5700 MHz)	21.95 dBm
	5GHz 802.11ac-VHT40 (5190~5310, 5510~5670 MHz)	21.94 dBm
	5GHz 802.11ac VHT80 (5210~5290, 5530~5610 MHz)	19.64 dBm
GSM	GSM 900 Burst (880~915 ; 925~960 MHz)	33.76 dBm
	GSM 1800 Burst (1710~1785 ; 1805~1880 MHz)	30.74 dBm

RF Output Table (continued)

Items	Maximum Radio-Frequency Output Power Table	
WCDMA	WCDMA Band I (1920~1980 ; 2110~2170 MHz)	21.73 dBm
	WCDMA Band III (1710~1785 ; 1805~1880 MHz)	21.84 dBm
	WCDMA Band VIII (880~915 ; 925~960 MHz)	22.99 dBm
LTE	LTE Band I (1920~1980; 2110~2170 MHz)	21.41 dBm
	LTE Band III (1710~1785; 1805~1880 MHz)	21.85 dBm
	LTE Band VII (2500~2570; 2620~2690 MHz)	22.96 dBm
	LTE Band VIII (880~915; 925~960 MHz)	22.84 dBm
	LTE Band XX (832~862 ; 791~821 MHz)	22.94 dBm
	LTE Band XXVIII (703~748 ; 758~803 MHz)	22.93 dBm
	LTE Band XXXVIII (2570~2620 MHz)	23.08 dBm
	LTE Band XL (2300~2400 MHz)	23.12 dBm

NOTE: This RF output power table is for EU member states, the EEA States, the EFTA States and Turkey only. The frequency range and the RF output power may differ from other non-EU countries.

The Wi-Fi operating in the band 5150-5350MHz shall be restricted to indoor use for countries listed in the table below:

AT	BE	BG	CZ	DK	EE	FR
DE	IS	IE	IT	EL	ES	CY
LV	LI	LT	LU	HU	MT	NL
NO	PL	PT	RO	SI	SK	TR
FI	SE	CH	UK	HR		

RF Exposure Information

This ASUS product has been tested and meets applicable European SAR limits. The SAR limit is 2.0 W/kg in countries that set the limit averaged over 10 grams of tissue. The specific maximum SAR values for this device are as follows:

- Head: 0.851 W/Kg
- Body: 1.400 W/Kg

When carrying this device or using it while worn on the body, either use an approved accessory such as a holster or otherwise maintain a distance of 0.5 cm from the body to ensure compliance with RF exposure requirements.

CE Marking

CE

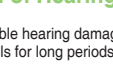
Using GPS (Global Positioning System) on your ASUS Phone

To use the GPS positioning feature on your ASUS Phone:

- Ensure that your device is connected to the Internet before using Google Map or any GPS-enabled apps.
- For first-time use of a GPS-enabled app on your device, ensure that you are outdoors to get the best positioning data.
- When using a GPS-enabled app on your device inside a vehicle, the metallic component of the car window and other electronic devices might affect the GPS performance.

Prevention of Hearing Loss

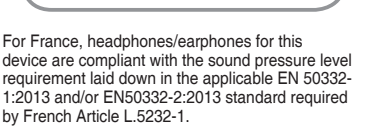
To prevent possible hearing damage, do not listen at high volume levels for long periods.



A pleine puissance, l'écoute prolongée du baladeur peut endommager l'oreille de l'utilisateur.

For France, headphones/earphones for this device are compliant with the sound pressure level requirement laid down in the applicable EN 50332-1:2013 and/or EN50332-2:2013 standard required by French Article L.5232-1.

Laser safety information



Complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated June 24, 2007

Safety information

CAUTION! Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

ASUS Phone care

- Use your ASUS Phone in an environment with ambient temperatures between 0 °C (32 °F) and 35 °C (95 °F).

The battery

WARNING: Disassembling the battery by yourself will void its warranty and may cause serious harm.

Your ASUS Phone is equipped with a high performance non-detachable Li-polymer battery. Observe the maintenance guidelines for a longer battery life.

- Do not remove the non-detachable li-polymer battery as this will void the warranty.
- Avoid charging in extremely high or low temperature. The battery performs optimally in an ambient temperature of +5 °C to +35 °C.
- Do not remove and replace the battery with a non-approved battery.
- Use only ASUS battery. Using a different battery may cause physical harm/injury and may damage your device.
- Do not remove and soak the battery in water or any other liquid.
- Never try to open the battery as it contains substances that might be harmful if swallowed or allowed to come into contact with unprotected skin.
- Do not remove and short-circuit the battery, as it may overheat and cause a fire. Keep it away from jewelry or metal objects.

- Do not remove and dispose of the battery in fire. It could explode and release harmful substances into the environment.
- Do not remove and dispose of the battery with your regular household waste. Take it to a hazardous material collection point.
- Do not touch the battery terminals.
- To avoid fire or burns, do not disassemble, bend, crush, or puncture the battery.

NOTES:

- Risk of explosion if battery is replaced by an incorrect type.
- Dispose of used battery according to the instructions.

The charger

- Use only the charger supplied with your ASUS Phone.
- Never pull the charger cord to disconnect it from the power socket. Pull the charger itself.

Caution

Your ASUS Phone is a high quality piece of equipment. Before operating, read all instructions and cautionary markings on the (1) AC Adapter.

- Do not use the ASUS Phone in an extreme environment where high temperature or high humidity exists. The ASUS Phone performs optimally in an ambient temperature between 0 °C (32°F) and 35 °C (95 °F).
- Do not disassemble the ASUS Phone or its accessories. If service or repair is required, return the unit to an authorized service center. If the unit is disassembled, a risk of electric shock or fire may result.
- Do not short-circuit the battery terminals with metal items.

Operator access with a tool

If a TOOL is necessary to gain access to an OPERATOR ACCESS AREA, either all other compartments within that area containing a hazard shall be inaccessible to the OPERATOR by the use of the same TOOL, or such compartments shall be marked to discourage OPERATOR access.

General Usage (typical body-worn)

This device (front & rear side) should be operated under a seperation distance of 5 mm from the human body.

* The other four sides are not in close proximity to the human body at the general use as described above.

ASUS Recycling/Takeback Services

ASUS recycling and takeback programs come from our commitment to the highest standards for protecting our environment. We believe in providing solutions for you to be able to responsibly recycle our products, batteries, other components as well as the packaging materials. Please go to http://csr.asus.com/english/Takeback.htm for detailed recycling information in different regions.

Regional notice for Singapore

This ASUS Phone complies with IMDA Standards.

Complies with IMDA Standards DB103778

NOTE: Please be noted the Nano SIM slot GSM will no longer be usable with the cessation of 2G networks in Singapore after April 1, 2017.

India E-waste (Management) Rules 2016

This product complies with the “India E-Waste (Management) Rules, 2016” and prohibits use of lead, mercury, hexavalent chromium, polybrominated biphenyls (PBBs) and polybrominated diphenyl ethers (PBDEs) in concentrations exceeding 0.1% by weight in homogenous materials and 0.01 % by weight in homogenous materials for cadmium, except for the exemptions listed in Schedule II of the Rule.

Proper disposal

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

DO NOT throw the battery in municipal waste. The symbol of the crossed out wheeled bin indicates that the battery should not be placed in municipal waste.

DO NOT throw this product in municipal waste. This product has been designed to enable proper reuse of parts and recycling. The symbol of the crossed out wheeled bin indicates that the product (electrical, electronic equipment and mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.

DO NOT throw this product in fire. DO NOT short circuit the contacts. DO NOT disassemble this product.

WARNING

Cancer and Reproductive Harm-
www.P65Warnings.ca.gov

NOTE: For more legal and e-labelling information, check on your device from **Settings** > **About** > **Legal information** / **Regulatory labels**.

ASUS

Address: 4F, 150 Li-Te Rd., Peitou, Taipei, Taiwan

Tel: 886228943447

Fax: 886228907698

Declaration

We declare that the IMEI codes for this product, **ASUS Phone**, are unique to each unit and only assigned to this model. The IMEI of each unit is factory set and cannot be altered by the user and that it complies with the relevant IMEI integrity related requirements expressed in the GSM standards.

Should you have any questions or comments regarding this matter, please contact us.

Sincerely yours,

ASUSTeK COMPUTER INC.

Tel: 886228943447

Fax: 886228907698

Support: http://vip.asus.com/eservice/techserv.aspx

ZenTalk Fans Forum
(http://www.asus.com/zentalk/global_forward.php)