

# HUAWEI *Ascend P7*

## User Guide



HUAWEI

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## **Legal Notice**

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# Foreword

Thank you for choosing the HUAWEI Ascend P7 smartphone!

This guide introduces you to the features and functions of your new phone. Also included are safety precautions you should be aware of, so please read this guide first before you begin using your new phone.

## Symbols and definitions

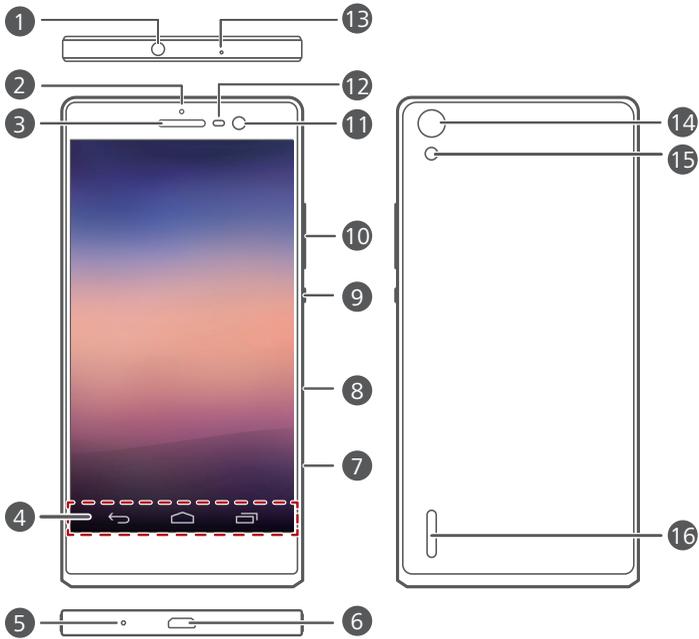
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	Note	Highlights important information and tips, and provides additional information.
	Caution	Indicates potential problems that may arise, such as device damage or data loss, if the proper care or attention is not given.
	Warning	Indicates a potentially hazardous situation which, if not avoided, could result in serious injury.

---

# Getting started

## Your phone at a glance



1	Headset jack	2	Status indicator
3	Earpiece	4	Navigation bar
5	Microphone	6	Micro-USB port
7	Micro-SIM card slot	8	microSD card slot
9	Power button	10	Volume button
11	Front camera	12	Proximity sensor/Ambient light sensor
13	Noise reduction microphone	14	Rear camera

15

Flash

16

Speaker

- i** Do not block the area around the ambient light and proximity sensor. When you attach a protective film to the screen, make sure it does not block the sensor.

### Navigation bar

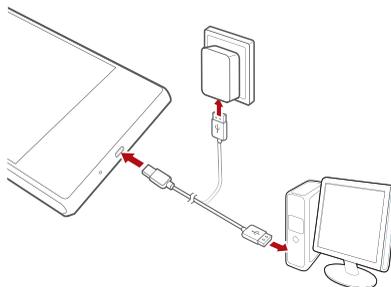
	Return	Touch to return to the previous screen or exit the current application.
	Home	Touch to return to the home screen.
	Recent	Touch to display the list of recently used applications.

## Charging the battery

- !** Your phone's built-in battery is not user-removable. To replace the battery, contact an authorized service center. Do not attempt to remove it yourself.

You can charge the phone in either of the following ways:

- Use the provided USB cable and power adapter to connect your phone to a power socket.
- Use a USB cable to connect your phone to a computer, and touch **Charge only** on the **USB connection methods** screen.



## Battery indicator

Your phone's battery level is shown on the status indicator.

- **Blinking red:** The battery level is lower than 10%.
- **Steady red (when charging):** The battery level is lower than 10%.
- **Steady yellow (when charging):** The battery level is higher than 10%.
- **Steady green (when charging):** The battery is almost or already full.

## Important information about the battery

- Rechargeable batteries have a limited lifecycle and may eventually need to be replaced. If you notice significantly reduced battery life, replace the battery. Your phone's built-in battery is not user-removable. To replace the battery, contact an authorized service center. Do not attempt to remove it yourself.
- If your phone has been running for long periods of time, especially in hot environments, heat may be pushed to the surface of the phone. If your phone is overheating, cease using it immediately and unplug it from any power source to let it cool down. Do not hold on to the phone for too long to avoid burn injuries.
- Use the original battery, power adapter, and USB cable to charge your phone. Using third-party accessories may reduce your phone's performance or pose security risks. Do not operate your phone or cover it with any object while it is charging. Do not cover the power adapter either.
- The time required to fully charge the battery depends on the ambient temperature and age of the battery.
- If your phone is low on power, it plays an alert tone and displays a message. If the battery level is extremely low, your phone automatically powers off.
- If the battery power is depleted, you may not be able to power on your phone immediately after you begin charging the battery. This is normal. Allow the battery to charge for a few minutes before attempting to power on your phone.

## Powering on or off your phone

- To power on your phone, press and hold the power button.
  - To power off your phone, press and hold the power button to display an option menu, and then touch **Power off > OK**.
-  If you are experiencing slowdown issues or the system isn't responding properly, press and hold the power button for 13 seconds or more to restart your phone.

## Locking and unlocking the screen

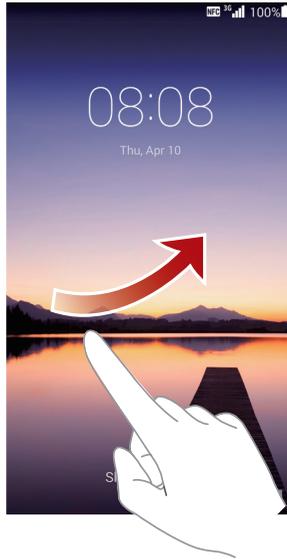
Locking the screen not only prevents mistaken operations from occurring without your knowledge, but also protects your phone from unauthorized use. You can lock and unlock your screen in different ways. The pre-installed screen unlock method is used as an example in this section.

### Locking the screen

- Method 1: Press the power button to manually lock the screen.
  - Method 2: After being idle for a specified period of time, your phone automatically locks its screen.
-  To set the screen lock method, touch  on the home screen. On the displayed **General** tab, touch **Screen lock > Screen lock**.

## Unlocking the screen

If the screen is off, press the power button to turn it on. Slide your finger toward any direction to unlock the screen.



Click up from the bottom of the lock screen to access the quick operation panel to open commonly used applications, such as Calculator.



## Getting to know your home screen

Your home screens are where you'll find all of your favorite widgets and applications. We did away with the application list to give you a more convenient and direct path to your applications. The default home screen is shown below.



1

Status bar: displays notifications and status icons. Flick down from the status bar to open the notification panel.

2

Display area: displays application icons, folders, and widgets.

3

Screen position indicator: shows the current screen's position.

4

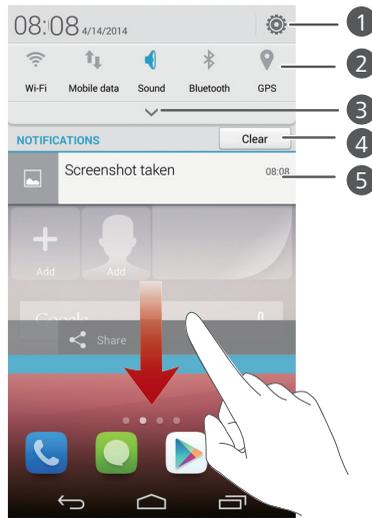
Dock: displays frequently used applications.

5

Navigation bar: displays virtual keys.

## Using the notification panel

Flick down from the status bar to open the notification panel.



- 
- 1 Touch  to display the settings screen.

---

  - 2 Touch the shortcut switches on the notification panel to turn on or turn off the functions.

---

  - 3 Touch  to display the shortcut switches and touch  in the upper right corner to edit it.

---

  - 4 Touch **Clear** to dismiss all notifications.

---

  - 5 Touch an application to view it and flick left or right across a notification to dismiss it.

---

## Taking a screenshot

Want to share an interesting scene in a movie or show off your new high score in a game? Take a screenshot and share away.

Press the power and volume down buttons simultaneously to take a screenshot. Then, open the notification panel and touch  to share the screenshot. By default, screenshots are saved to the **Screenshots** folder in **Gallery**.

 You can also flick down from the status bar to open the notification panel and touch  > .

## Auto-rotate screen

Your phone is built with a tilt sensor. If you rotate your phone when browsing a web page or viewing a photo, your screen automatically changes between landscape and portrait view. You'll also be able to enjoy tilt sensor-based applications, such as racing games.

To enable or disable the auto-rotate screen function, flick down from the status bar to open the notification panel, and touch  > .

## Status icons

	Signal strength		No signal
	GPRS network connected		Long Term Evolution (LTE) network connected
	3G network connected		Enhanced Data Rates for GSM Evolution (EDGE) network connected
	High Speed Packet Access (HSPA) network connected		Evolved High-Speed Packet Access (HSPA+) network connected
	Roaming		Airplane mode enabled
	Bluetooth on		Receiving location data from GPS
	Vibration mode enabled		Silence mode enabled

	Alarms enabled		Charging
	Battery full		Battery low
	Call in progress		Missed calls
	New messages		New emails
	New voicemails		Select input method
	Wi-Fi network available		Connected to a Wi-Fi network
	Uploading data		Downloading data
	Phone memory full		Upcoming events
	No SIM card found		Login or synchronization problem
	Synchronizing data		Synchronization failed
	Portable Wi-Fi hotspot on		More notifications
	Connected to a VPN		Headset plugged in
	USB debugging mode enabled		USB tethering on

## Accessing applications

### Starting applications and switching between them

On the home screen, touch an application icon to open it.

To switch to another application, touch  to return to the home screen, and touch the icon of the application you want to open.

## Viewing recently used applications

Touch  to display the list of recently used applications. You can then:

- Touch an application to start it.
- Flick left or right across an application or touch  on its right upper corner to dismiss it.
- Touch  to clear the list.

## Texting

Your phone comes with multiple text input methods. You can quickly enter text using the onscreen keyboard.

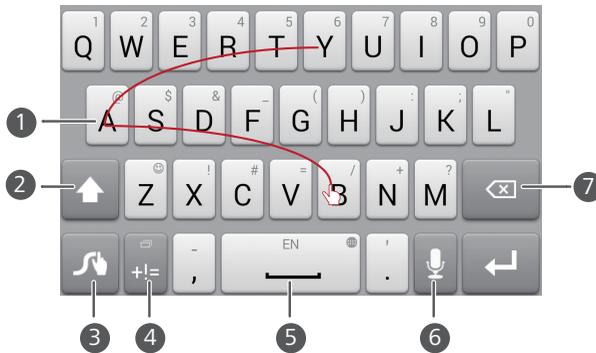
- Touch a text box to bring up the onscreen keyboard.
- To hide the onscreen keyboard, touch .

## Selecting an input method

1. On the text input screen, flick down from the status bar to open the notification panel.
2. Touch  to select an input method.

 To change your phone's default input method, touch  on the home screen. Under **All**, touch **Language & input** > **Default** to select an input method.

## Huawei Swype input method



- 1 Slide across letters to enter a word, such as "bay".
- 2 Touch  to switch between lowercase letters, uppercase letters, and caps lock.
- 3 Touch and hold  to go to the settings screen.
- 4 Touch  to enter numbers and symbols.
  - Touch  to enter a space.
  - Touch and hold  to choose another language.
- 6 Touch  to use voice input.
  - Touch  to delete the character to the left of the cursor.
  - Touch and hold  to quickly delete multiple characters to the left of the cursor.

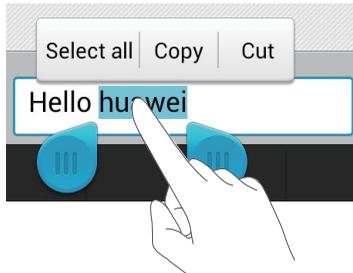
## Android input method



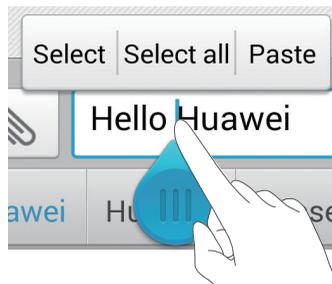
- 
- 1
    - Touch  to switch between lowercase and uppercase letters.
    - Touch and hold or quickly touch  twice to turn on caps lock.
- 
- 2
    - Touch  to enter numbers and symbols.
- 
- 3
    - Touch  to use voice input.
    - Touch and hold  to open the **Input options** option menu.
- 
- 4
    - Touch  to enter a space.
    - Touch and hold  to choose another input method.
- 
- 5
    - Touch  to enter a period.
    - Touch and hold  to enter symbols.
- 
- 6
    - Touch  to delete the character to the left of the cursor.
    - Touch and hold  to quickly delete multiple characters to the left of the cursor.
-

## Editing text

Discover how to select, cut, copy, and paste text on your phone.



- **Select text:** Touch and hold the text to bring up . Then drag  and  to select more or less text, or touch **Select all** to select all text in a text box.
- **Copy text:** Select text and touch **Copy**.
- **Cut text:** Select text and touch **Cut**.
- **Paste text:** Touch where you want to insert the text, drag  to move the insertion point, and touch **Paste** to paste the text you copied or cut.



# Basic features

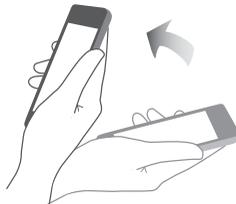
## Motion control

Motion control lets you control the phone using simple motions. For example, mute the phone or answer and make calls quickly.

1. On the home screen, touch  .
2. Under **All**, touch **Motion control**.
3. On the **Motion control** screen, select an option, and select a motion to enable it.
  - **Flip**: Mute sounds and stop vibrations from incoming calls, alarms, and timers.



- **Pick up**: Pick up the phone to reduce the ring volume of incoming calls, alarms, and timers.



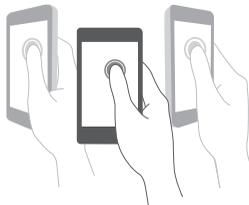
- **Raise to ear:** When a call comes in, raise your phone to your ear to answer it. Similarly, from the call or contact details screen, raise your phone to your ear to call the corresponding number.



- **Shake:** On the home screen, touch any application or widget until the phone vibrates to enter editing mode. Then shake your phone to arrange your icons.



- **Tilt:** In home screen editing mode, if you touch and hold an icon or widget and tilt your device to the left or right, you'll be able to move it to the next screen.



## Suspend button

The suspend button contains a variety of useful functions and shortcuts, which lets you quickly launch tools, such as Calendar, Messaging, and Notes, and quickly perform common functions like return to the home screen and memory cleanup.

1. On the home screen, touch .
2. Under **All**, touch **Suspend button** to turn on suspend button.  will then appear on all screens except the lock screen and notification panel.
3. Touch  to expand the suspend button.
4. From the expanded menu, you can:
  - Touch  to return to the previous screen or exit the current application.
  - Touch  to return to the home screen.
  - Touch  to expand the multi-window menu. You will then be able to quickly open Calendar, Messaging, Notes, and Calculator and switch between these applications without closing your current application.
  - Touch  to lock the screen.
  - Touch  to clean up the phone memory and close the applications running in the background.
  - Touch  to collapse the menu.

## Turning on gloves mode

Gloves mode lets you perform touchscreen operations with gloves on.

1. On the home screen, touch .
2. Under **All**, touch **Gloves mode** to turn on or turn off gloves mode.

# Organizing applications and widgets on the home screen

## Adding a widget to the home screen

1. On the home screen, touch and hold a blank area to display the **Set Home Screen** dialog box.
2. Touch **Widgets**.
3. Drag a widget from the screen's lower section to a screen thumbnail.
4. Touch  to return to the home screen.

 If the home screen doesn't have enough space, your phone will automatically create a new home screen to the right of the original and place the widget on the new home screen. You can have nine home screens at most.

## Moving an application or widget

On the home screen, touch and hold an application or widget until the phone vibrates to enter editing mode. You can then drag an application or widget to any fitting empty space.

## Deleting an application or widget

On the home screen, touch and hold the application or widget you want to delete until  is displayed. Drag the unwanted application or widget to  to delete it.

 Deleting an application icon uninstalls the application. When you delete an application icon, your phone prompts you to confirm the action. Touch **OK** to uninstall the application. Some pre-installed applications can't be uninstalled.

## Organizing home screen icons using folders

1. On the home screen, drag an application onto another one to create a folder containing both of them.

2. Touch the folder to open it. You can then:

- Touch the folder name to rename it.
- Touch  and add more items to the folder.
- Drag an icon out from the folder to remove the icon.

 A folder must contain at least two items; otherwise, the folder will automatically disappear.

## Managing home screens

### Adding a home screen

1. On the home screen, touch and hold a blank area to display the **Set Home Screen** dialog box.
2. Touch **Thumbnails**.
3. Touch .

### Moving a home screen

1. On the home screen, touch and hold a blank area to display the **Set Home Screen** dialog box.
2. Touch **Thumbnails**.
3. Touch and hold a home screen thumbnail until your phone vibrates, and drag it to another position.

### Deleting a home screen

1. On the home screen, touch and hold a blank area to display the **Set Home Screen** dialog box.
2. Touch **Thumbnails**.
3. Touch  in the upper right corner of the screen to delete it.

 Only blank home screens can be deleted.

# Personalizing your phone

## Changing the home screen style

Your phone supports the standard and simple home screen styles.

1. On the home screen, touch .
2. Under **All**, touch **Home screen style**.
3. Choose **Simple** or **Standard** and touch **APPLY**.

## Changing the theme

### Changing the theme

1. On the home screen, touch .
2. Flick left or right to browse different local and online themes. You can then:
  - Select a theme on the **Local** tab, and touch **APPLY**.
  - Select a theme on the **Online** tab, and touch **DOWNLOAD > APPLY**.

### Customizing a theme

1. On the home screen, touch .
2. Touch **CUSTOMIZE**.
3. From the list of individual them elements, choose the element you want to modify.

## Changing the wallpaper

1. On the home screen, touch and hold a blank area to display the **Set Home Screen** dialog box.
2. Touch **Wallpapers**.

3. On the **Wallpaper** screen, you can:
  - Touch **Lock screen wallpaper** to set the wallpaper displayed on the phone lock screen.
  - Touch **Home screen wallpaper** to set the home screen wallpaper.
  - Touch **Random change** to have the home screen wallpaper change randomly at preset intervals.

## Setting tones

1. On the home screen, touch .
2. Under **All**, touch **Sound**.
3. Touch **Phone ringtone** or **Default notification tone**, and choose either of the following tabs:
  - **Ringtone**: Choose from the default selection.
  - **Music**: Choose from the audio files you have saved to your phone.
4. Touch **APPLY**.

## Changing the lock screen style

### Face unlock

1. On the home screen, touch .
2. Under **All**, touch **Security**.
3. Touch **Screen lock** > **Face Unlock**.
4. Follow the onscreen instructions to complete setting up face unlock as your primary unlock method.
5. Set a secondary unlock method in the event that your face can't be recognized.

To turn off face unlock, touch  on the home screen. Under **All**, touch **Security** > **Screen lock**. Use the secondary unlock method to enter the **Select screen lock** screen, and select another unlock method.

## Setting a screen unlock pattern

1. On the home screen, touch .
2. Under **All**, touch **Security**.
3. Touch **Screen lock** > **Pattern**.
4. Connect at least four dots to draw a pattern, then draw the pattern again for confirmation.
5. Set a backup PIN as an alternative method to unlock your phone should you forget your unlock pattern.

## Setting a screen unlock PIN

1. On the home screen, touch .
2. Under **All**, touch **Security**.
3. Touch **Screen lock** > **PIN**.
4. Enter at least four digits, then enter them again for confirmation.

## Setting a screen unlock password

1. On the home screen, touch .
2. Under **All**, touch **Security**.
3. Touch **Screen lock** > **Password**.
4. Enter at least four characters and enter them once again for confirmation.

## Changing the font size

1. On the home screen, touch  .
2. Under **All**, touch **Display**.
3. Touch **Font size** and select a font size.

# Calls

## Smart dialing

You can make a call by entering the phone number on the dialer or use smart dialing that lets you quickly find contacts by entering parts of their names or numbers.

1. On the home screen, touch .
2. Enter the initials or first few letters of a contact's name, or part of the contact's phone number. Matching contacts in your phone and phone numbers in your call log are then displayed in a list.
3. From the list, select the contact you want to call.
4. To end the call, touch .

## Making an emergency call

In the event of an emergency, you will still be able to make emergency calls without the use of a SIM card. However, you must still be under the coverage area.

1. On the home screen, touch .
2. Enter your local emergency number and touch .

 Emergency calls are subject to cellular network quality, use environment, service provider policies, and local laws and regulations. Never rely solely on your phone for critical communications when emergencies occur.

## Answering or rejecting a call

-  When a call comes in, you can press the volume button to mute the ringtone.



- Drag  right to answer the call.
- Drag  left to reject the call.
- Drag  up to reject the call and send the caller a message.

 On the dialer screen, touch  > **Call settings** > **Reject calls with SMS** to edit the message that will be sent.

## What you can do during a call



1

Touch  >  to place the current call on hold, and touch  again to resume the call.

- 
- 2 Touch  >  to start a three-way call. Before you use three-way calling, make sure you have subscribed to this service. For details, contact your service provider.

---

  - 3 Touch  to display the dialer.

---

  - 4 Touch  to use the speakerphone.

---

  - 5 Touch  to end the call.

---

  - 6 Touch  to mute or unmute the microphone.

---

  - 7 Touch  >  to write a note.

---

 To return to the call screen, flick down from the status bar to open the notification panel, and touch **Current call**.

## Answering a third-party call

Before you answer a third-party call, make sure you have enabled call waiting.

1. If a call comes in when you are already in another call, drag  right to answer the new call and place the first call on hold.
2. To switch between the two calls, touch  > .

## Making a conference call

Making conference calls with your friends, family, and co-workers is easy with your phone.

 Before you make conference calls, make sure that you have subscribed to this service. For details, contact your service provider.

1. Call the first participant.
2. When the call is connected, touch  >  to call the second participant. The first participant will be placed on hold.
3. When the second call is connected, touch  to start a conference call.

- To add more people to the call, repeat steps 2 and 3.
- Touch  to end the call.

## Using the call log

The call log records your called, answered, and missed calls.

### Adding a contact from the call log

- On the home screen, touch .
- From the call log, select the number you want to add as a contact, and touch .
- Touch **Create new contact** or **Save to existing contact**.

 You can also touch and hold the number you want to add, and touch **Create new contact** or **Save to existing contact**.

### Deleting call records

- On the home screen, touch .
- Under **Dialer**, you can:
  - Touch and hold a contact name or phone number, and touch **Delete entry** to delete the call record.
  - Touch  > **Delete call log** to delete multiple records simultaneously.

## Turning on pocket mode

Are you ever worried about missing important calls when your phone is in your pocket? Pocket mode can help out by gradually increasing the ringtone volume and vibration intensity of incoming calls.

- On the home screen, touch .
- Under **All**, touch **Call**.
- Select the **Pocket mode** check box.

# Contacts

## Creating a contact

1. On the home screen, touch .
2. Touch .
3. Choose the save location for the contact.
4. Enter the contact name, phone number, and other details.
5. Touch **SAVE**.

## Importing or exporting contacts

Your phone supports contact files in .vcf format only. This is the standard format for files storing contacts. Contact names, addresses, phone numbers, and other information can be saved in .vcf files.

### Importing contacts from a storage device

1. On the home screen, touch .
2. Touch  > **Import/Export** > **Import from storage**.
3. Select one or more .vcf files, and touch **OK**.

### Importing contacts from a SIM card

1. On the home screen, touch .
2. Touch  > **Import/Export** > **Import from SIM card**.
3. Touch the contacts you want to import or touch **All** to select all contacts, and then touch **IMPORT**.

### Importing contacts from a Bluetooth device

1. On the home screen, touch .

2. Touch  > **Import/Export** > **Import from another phone**.
3. Select **Supports Bluetooth**, and touch **NEXT** > **NEXT**. The phone then turns on Bluetooth and scans for other Bluetooth devices in range.
4. Touch the Bluetooth device from which you want to import contacts.

When the two devices are paired, your phone automatically imports the .vcf file from the other device.

## Importing contacts using Wi-Fi Direct

1. On the home screen, touch .
2. Touch  > **Import/Export** > **Import via Wi-Fi Direct**. The phone then prompts you to turn on Wi-Fi and scans for Wi-Fi Direct devices in range.
3. Touch the Wi-Fi Direct device from which you want to import contacts.

When the two devices are connected, your phone automatically imports the .vcf file from the other device.

## Exporting contacts to a storage device

1. On the home screen, touch .
2. Touch  > **Import/Export** > **Export to storage**.
3. Touch **Export**.
4. Choose from where you want to export the contacts and touch **OK**.

To view the .vcf file you just exported, open **File Manager**. By default, the file is saved to the root directory of your phone's internal storage.

## Exporting contacts to a SIM card

1. On the home screen, touch .
2. Touch  > **Import/Export** > **Export to SIM card**.
3. Touch the contacts you want to export or touch **All** to select all contacts, and then touch **EXPORT**.
4. In the displayed dialog box, touch **OK**.

## Copying contacts

You can copy contacts from a SIM card to your phone and vice versa.

1. On the home screen, touch .
2. Touch  > **Settings** > **Copy contacts** and choose from where you want to copy the contacts.
3. Touch the contacts you want to copy or touch **All** to select all contacts.
4. Touch **COPY** and choose where you want to paste the contacts.

## Searching for a contact

1. On the home screen, touch .
2. Enter the contact name or initials. Matching contacts are displayed as you type.

## Merging contacts

1. On the home screen, touch .
2. Touch  > **Settings** > **Merge duplicate contacts**.
3. Touch the contacts you want to merge or touch **All** to select all contacts that can be merged, and then touch **MERGE**.

 Only duplicate contacts saved in your phone storage can be merged.

## Creating a contact group

1. On the home screen, touch .
2. Under **Favorites**, touch  > **New group**.
3. Name the contact group.
4. Touch **Add members**.

5. Touch the contacts you want to add to the group or touch **All** to select all contacts, and then touch **ADD**.
6. Touch **SAVE**.

## Sending messages or emails to a contact group

1. On the home screen, touch .
  2. Under **Favorites**, touch and hold the contact group you want to send a message or email to, and choose **Send message** or **Send email** from the displayed option menu.
-  You can also open the contact group and touch  to send a message or  to send an email.

# Messaging

## Sending a text message

1. On the home screen, touch .
2. In the list of message threads, touch .
3. Touch the recipient text box and enter the contact name or phone number. Matching contacts are displayed as you type. Select a contact.
  -  Touch  to select more contacts.
4. Write your message.
5. Touch **Send**.

## Sending a multimedia message

Data usage fees may apply. For details, contact your service provider.

1. On the home screen, touch .
2. In the list of message threads, touch .
3. Touch the recipient text box and enter the contact name or phone number. Matching contacts are displayed as you type. Select a contact.
  -  Touch  to select more contacts.
4. Touch  > **Add subject** and enter the message subject.
5. Write your message.
6. Touch , select the attachment type, and attach a file.
  -  To attach more than one file to the message, touch **Slideshow**. You can touch **Remove slide** to delete the current slideshow.
7. Touch **Send**.

## Replying to a message

1. On the home screen, touch .
2. In the list of message threads, touch a contact name or phone number to view the conversation thread.
3. Write your message.
4. Touch **Send**.

## Searching for a message

1. On the home screen, touch .
2. In the list of message threads, touch  > **Search**.
3. Enter the message or contact name, or parts of them. Your phone then displays matching results.

## Managing messages

### Copying messages to a SIM card

1. On the home screen, touch .
2. In the list of message threads, touch a contact name or phone number to view the conversation thread.
3. Touch and hold the message you want to copy, and touch **Copy to SIM card**.

 Restoring your phone to its factory settings won't delete messages saved in your SIM card.

### Forwarding a message

1. On the home screen, touch .
2. In the list of message threads, touch a contact name or phone number to view the conversation thread.

3. You can then:

- Touch and hold the message you want to forward, and touch **Forward**.
- Touch  > **Forward** to forward multiple messages.

4. Touch the recipient text box and enter the contact name or phone number.

 Touch  to select more contacts.

5. Touch **Send**.

## Deleting a message

1. On the home screen, touch .
2. In the list of message threads, touch a contact name or phone number to view the conversation thread.
3. Touch and hold the message you want to delete, and touch **Delete**.

 Touch  > **Delete** to delete multiple messages simultaneously.

## Deleting a thread

1. On the home screen, touch .
2. In the list of message threads, you can:
  - Touch and hold the thread you want to delete, and touch **Delete conversation**.
  - Touch  > **Delete** to delete multiple threads simultaneously.

# Browser

## Browsing web pages

1. On the home screen, touch .
2. Enter a website address in the address box. Your phone then displays matching websites as you type.
3. Touch the website you want to visit.

## Managing bookmarks

Bookmarks let you keep track of your favorite websites. You can organize your bookmarks by placing them into different folders.

### Adding a bookmark

1. On the home screen, touch .
2. On the **Browser** screen, open the web page you want to add as a bookmark.
3. Touch  > **Save to bookmarks**.
4. Name the bookmark and touch **OK**.

### Accessing a bookmark

1. On the home screen, touch .
2. Touch  > **Bookmarks** then the **Bookmarks** tab.
3. Under **Local**, touch a bookmark.

### Editing a bookmark

1. On the home screen, touch .
2. Touch  > **Bookmarks** then the **Bookmarks** tab.

3. Touch and hold the bookmark you want to edit, and touch **Edit bookmark**.
4. Rename the bookmark, change the website address, or revise the account information. Then touch **OK**.

## Setting the home page

1. On the home screen, touch .
2. Touch  > **Settings** > **General** > **Set homepage**.
3. From the displayed option menu, choose the web page you want to set as your home page.

## Clearing your browsing history

To better protect your privacy, clear your browsing history from time to time.

1. On the home screen, touch .
2. Touch  > **Settings** > **Privacy & security**.
3. Touch **Clear history** then **OK**.

# Email

## Adding a POP3 or IMAP email account

Certain parameters must be set when you add a POP3 or IMAP email account. For details, contact your email service provider.

1. On the home screen, touch .
2. Touch **Others**.
3. Enter your **Email address** and **Password**, and touch **Next**.
4. Follow the onscreen instructions to configure the email account. The system then automatically connects to the server and checks server settings.

When the email account is set up, the **Inbox** screen is displayed.

 To add more email accounts, touch  > **Settings** > **NEW ACCOUNT** on the **Inbox** screen.

## Adding an Exchange account

Exchange is an email system developed by Microsoft for internal enterprise correspondence. Some email service providers also provide Exchange accounts for individuals and families.

You may need to contact your email service provider to configure certain parameters.

1. On the home screen, touch .
2. Touch **Exchange**.
3. Enter your **Email address**, **Domain**, **Username**, and **Password**. Then, touch **Next**.

4. Follow the onscreen instructions to configure your Exchange account. The system then automatically connects to the server and checks server settings.

When your Exchange account is set up, the **Inbox** screen is displayed.

## Sending an email

1. On the home screen, touch .
2. On the **Inbox** screen, touch  to select an email account.
3. Touch .
4. Enter one or more recipients.
  -  To send the email to multiple recipients, touch **+ Cc/Bcc**. Separate different email addresses with semicolons (;).
5. Enter the subject, and write your message. Touch  to upload any attachments.
6. When you are done, touch  to send the email.

## Checking your emails

1. On the home screen, touch .
2. On the **Inbox** screen, touch  to select an email account.
3. Touch the email you want to read.
4. You can then:
  - Touch  to delete it.
  - Touch  to reply to it.
  - Touch  to reply to all.
  - Touch  to forward it.

- Flick left to go back to the previous email or flick right to skip to the next email.
-  Mail retrieval may be slightly delayed, depending on the network condition. On the **Inbox** screen, touch  > **Refresh** to refresh the inbox.

# Multimedia

## Camera

Your phone supports a variety of capture scenarios, such as scenery, portrait, and dynamic. It also supports smart, beauty, panoramic, audio control, and burst capture modes.

### Capture screen



- 1 Touch  to switch to video mode.
- 2
  - Touch  to switch to photo mode.
  - Touch and hold  to take burst shots, and release your finger to stop.
- 3 Touch the thumbnail to view your photos and videos.
  - Touch an object on the viewfinder to focus the camera on it.
- 4
  - Spread two fingers apart to zoom in or pinch them together to zoom out.
- 5 Touch  to select a capture mode.
- 6 Touch  to set the flash mode.

- 
- 7 Touch  to switch between the rear and front cameras.
  - 8 Touch  for more options.
- 

## Taking a photo

1. On the home screen, touch .
2. Frame the scene you want to capture. Let your camera focus automatically or touch the screen to focus the camera. When the camera is focused, the frame in the center of the viewfinder turns green.
3. Touch .

## Shooting a video

1. On the home screen, touch .
2. Frame the scene you want to record.
3. Touch  to start recording.
4. During the recording, touch an object or area to focus on it.
-  Touch  to pause recording.
5. Touch  to stop recording.

## Ultra snapshot

You can quickly take a photo without unlocking the screen first.

1. Face your camera with the object you want to capture when the screen is turned off or locked.
2. Press the volume down button twice in rapid succession to quickly take a photo.

## Continuous shooting

Continuous shooting allows you to record a series of dynamic images and pick the best from them.

1. On the home screen, touch .

2. Frame the scene you want to capture.
3. Touch and hold . The camera then takes up to 20 photos in rapid succession. You can stop shooting anytime by releasing your finger.

## Taking a panoramic photo

1. On the home screen, touch .
2. Touch  >  to switch to panoramic mode.
3. Frame the scene you want to capture.
4. Touch  to start shooting.
5. Follow the onscreen instructions and move your phone slowly to capture multiple photos.
  -  Don't move your phone too fast. If you do, or you move it beyond the limits of the panoramic view, the viewfinder will turn red to notify you that the scene wasn't captured.
6. Touch  to stop shooting. The camera automatically stitches the photos together to create one panoramic photograph.

## Taking a photo in beauty mode

Want to look flawless in great quality photos? Enable beauty mode for stunning photos.

1. On the home screen, touch .
2. Touch  >  to switch to beauty mode.
3. Drag the slider to adjust the beauty level.
4. Frame the scene you want to capture. The camera will identify a face and focus on it.
5. Touch .

## Taking an audio photo

You can record a brief audio clip after you take a photo.

1. On the home screen, touch .
2. Touch  >  to switch to audio photo mode.
3. Frame the scene you want to capture.
4. Touch  to take a photo. The phone then records an audio clip for a few seconds. Record your thoughts for the photo you've just taken.

## Using HDR

High dynamic range (HDR) imaging technology improves the details in the lightest and darkest areas of photos for true-to-life quality.

1. On the home screen, touch .
2. Touch  >  to switch to HDR mode.
3. Frame the scene you want to capture.
4. Touch .

 The front camera does not support HDR.

## Taking a photo using audio control

1. On the home screen, touch .
2. Touch  >  to switch to audio control mode.
3. Frame the scene you want to capture. Your phone will take a photo when the surrounding noise reaches a certain decibel level.

## Taking a photo with watermark

You can add the time, location, weather, and other information to the photo as watermarks.

1. On the home screen, touch .
2. Touch  >  to switch to watermark mode.
3. Flick left or right at the bottom of the screen to select a watermark.
4. Drag the watermark to adjust its position.

5. Frame the scene you want to capture.
6. Touch  .

## Setting the camera resolution

1. On the home screen, touch  .
2. On the viewfinder, touch  > **Camera** or **Video**.
3. Touch **Resolution**.
4. Select a resolution for photos and videos.

## Setting the save location for photos

1. On the home screen, touch  .
2. On the viewfinder, touch  > **Others** > **Preferred save location**.
3. You can then:
  - Touch **SD card** to save the photos or videos to a microSD card.
  - Touch **Internal storage** to save the photos or videos to the internal storage.

# Gallery

## Viewing photos or videos

1. On the home screen, touch  .
2. Touch an album.
3. Touch a photo or video to view it in full screen mode.
  -  When viewing a photo, pinch two fingers together to zoom out or spread them apart to zoom in.

## Playing a slideshow

1. On the home screen, touch  .

2. Touch an album.
3. Touch  > **Slideshow** to play a slideshow of the photos in the album.
4. To stop the slideshow, touch the screen.

## Editing a photo

You can adjust the photo brightness, saturation, size, and more.

1. On the home screen, touch .
2. Touch the photo you want to edit.
3. Touch  > **Edit**.
4. Select a photo processing method.
5. Select a special effect, and follow the onscreen instructions to edit the photo.
6. When you are done, touch  to save the changes.

## Rotating a photo

1. On the home screen, touch .
2. Touch the photo you want to rotate.
3. Touch  > **Rotate Left** or **Rotate Right**.

## Deleting a photo

1. On the home screen, touch .
2. From the photo list, touch .
3. Select the photo you want to delete, and touch **DELETE**.
4. Touch **Delete**.

## Sharing a photo or video

Want to share your best shots or an amusing trick your dog just did? Simply share the photos and videos using email, Bluetooth, and more.

1. On the home screen, touch .
2. Touch an album.
3. Touch , and choose a sharing method from the displayed option menu.
4. Select the photo or video you want to share.
5. Touch **SHARE** and follow the onscreen instructions to share the photo or video.

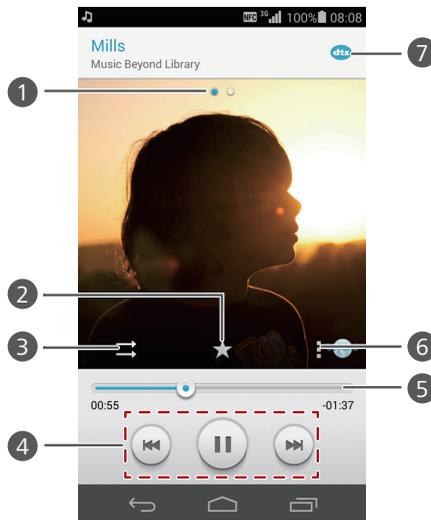
## Setting a photo as the wallpaper

1. On the home screen, touch .
2. Choose the photo you want to set as the wallpaper.
3. Touch  > **Set as**.
4. You can then:
  - Touch **Lock screen wallpaper**, drag the frames of the grid to resize it, and touch **OK** to set the photo as the lock screen wallpaper.
  - Touch **Home screen wallpaper**, drag the frames of the grid to resize it, and touch **SET WALLPAPER** to set the photo as the home screen wallpaper.

# Music

## Listening to music

1. On the home screen, touch .
2. Select a category.
3. Touch the song you want to play.
4. Touch the playing song to enter the main playback interface.



- 
- ① Flick left or right to switch between the album cover and lyrics.
- 
- ② Touch ★ to add a song to your **Favorites**.
- 
- ③ Touch ⇌ to switch between different playing modes (repeat the current song, repeat the playlist, shuffle, and play in sequence).
- 
- Touch ▶ to play and touch || to pause.
- ④
- Touch ⏮ to go back to the previous song.
  - Touch ⏭ to skip to the next song.
-

- 
- 5 Drag the slider to control the playback.
- 
- 6 Touch  to display the option menu from which you can perform additional operations.
- 
- 7 Touch  to enable or disable DTS audio.
- 
-  When a song is playing, touch  to exit the playback screen without stopping the song. To return to the music playback screen, open the notification panel and touch the playing song.

## Creating a playlist

1. On the home screen, touch .
2. Touch **Playlists > Create new playlist**.
3. Touch the text box to name the playlist, and touch **Save**.
4. In the displayed dialog box, touch **OK**.
5. Select the songs you want to add.
6. Touch **ADD**.

## Playing a playlist

1. On the home screen, touch .
2. Touch **Playlists**.
3. Touch and hold the playlist you want to play, and touch **Play**.

## Setting a song as the ringtone

Want to hear your favorite song when you receive a call? Just make it your ringtone.

1. On the home screen, touch .
2. Select a category.
3. Touch and hold the song you want to set as the ringtone, and touch **Set as phone ringtone**.

# Internet connection

## Mobile data connection

### Turning on your mobile network

1. On the home screen, touch  .
2. Under **All**, touch **Mobile networks**.
3. Select the **Data enabled** check box.

 When you don't need to access the Internet, turn off your mobile network to save battery power and reduce mobile data usage.

### Creating an APN

The Access Point Name (APN) is a necessary parameter for a phone to connect to a mobile network or send multimedia messages. It is usually automatically set after you insert a SIM card into your phone. If your phone can't connect to a mobile network using the automatically set APN, contact your service provider for the specific parameters and create a new APN.

1. On the home screen, touch  .
2. Under **All**, touch **Mobile networks**.
3. Touch **Access Point Names**.
4. Touch  > **New APN**.
5. Enter the access point name and other parameters.
6. Touch **SAVE**.

## Wi-Fi network

Your phone can connect to Wi-Fi networks. Some public locations, such as airports and libraries, may have Wi-Fi networks available for use. Using Wi-Fi networks provided by certain Internet service providers may produce fees. Before you use a public Wi-Fi hotspot, make sure you check and are aware of that service provider's fee policies.

### Connecting to a Wi-Fi network

1. On the home screen, touch .
2. Under **All**, touch the Wi-Fi switch to turn on Wi-Fi.
3. Touch **Wi-Fi**. Your phone then scans for available Wi-Fi networks and displays them.
4. Touch the Wi-Fi network you want to connect to.
  - If the network is open, you will directly connect to it.
  - If the Wi-Fi network is encrypted, enter the password when prompted, and touch **Connect**.

### Connecting to a Wi-Fi network using WPS

Wi-Fi protected setup (WPS) lets you quickly connect to a Wi-Fi network. Simply press the WPS button or enter the PIN to connect your phone to a Wi-Fi router that supports WPS.

1. On the home screen, touch .
2. Under **All**, touch the Wi-Fi switch to turn on Wi-Fi.
3. Touch **Wi-Fi**.
4. Touch  > **WPS Push Button** and press the WPS button on the Wi-Fi router.

 To connect to a Wi-Fi network through WPS PIN, touch  > **Input WPS PIN**.

# Sharing your phone's mobile data connection

## Wi-Fi hotspot

Your phone can function as a Wi-Fi hotspot for other devices, sharing its mobile data connection.

1. On the home screen, touch  then the **All** tab.
2. Under **WIRELESS & NETWORKS**, touch **More...**
3. Touch **Tethering & portable hotspot**.
4. Select the **Portable Wi-Fi hotspot** check box to turn on Wi-Fi hotspot.
5. Touch **Portable Wi-Fi hotspot settings > Configure Wi-Fi hotspot**.
6. Set the Wi-Fi hotspot's name, encryption mode, and password.
  -  It is recommended that you set the encryption mode to WPA2PSK for better security.
7. Touch **Save**.

On the device you want to use, search for and connect to your phone's Wi-Fi network.

# Sharing data

## Bluetooth

Your phone is Bluetooth-capable, allowing you to connect to other Bluetooth-enabled devices for wireless data transmission. When using Bluetooth, stay within 10 meters (33 feet) of other Bluetooth devices.

### Turning on or turning off Bluetooth

1. On the home screen, touch .
2. Under **All**, touch **Bluetooth** to turn on or turn off Bluetooth. After Bluetooth is turned on,  is displayed on the status bar.

 Turn off Bluetooth when you don't need it to save battery power.

### Renaming your phone

Before you rename your phone, turn on Bluetooth. By default, your phone's name is its model. You can change the name to one that's more personal and easier to find.

1. On the home screen, touch .
2. Under **All**, touch **Bluetooth**.
3. Touch  > **Rename phone**.
4. Rename your phone and touch **Rename**.

### Searching for and pairing with other Bluetooth devices

Before pairing your phone with another device, turn on Bluetooth. Your phone's name will be displayed. Select the check box next to the phone name to set your phone as discoverable to other Bluetooth devices.

1. On the home screen, touch .

2. Under **All**, touch **Bluetooth**. Your phone will then scan for other Bluetooth devices in range.
3. In the list of detected Bluetooth devices, touch a device and follow the onscreen instructions to pair with it.

To disconnect from a paired Bluetooth device, under **PAIRED DEVICES**, touch

 > **Unpair**.

 If you can't set up a Bluetooth connection with another device, the device may not be compatible with your phone.

## Sharing a file using Bluetooth

To exchange data with another Bluetooth device, enable Bluetooth on both devices and pair them with each other.

1. On the home screen, touch .
2. Touch and hold the file you want to send, and touch **Share** > **Bluetooth**.
3. Select a device.

## Receiving a file using Bluetooth

When your phone receives a file transfer request, a **File transfer** dialog box will be displayed. Touch **Accept** to start receiving the file. You can open the notification panel to view the file receiving progress.

By default, received files are saved to the **bluetooth** folder in **File Manager**.

## Wi-Fi Direct

Wi-Fi Direct allows two devices to connect to each other for data transmission without using any access point.

### Connecting two devices using Wi-Fi Direct

1. On the home screen, touch .
2. Under **All**, touch **Wi-Fi** to turn on Wi-Fi.

3. In the Wi-Fi network list, touch **Wi-Fi direct** to scan for available devices.
4. Select a device.

## Sending a file using Wi-Fi Direct

1. On the home screen, touch .
2. Touch and hold the file you want to send, and touch **Share**.
3. Touch **Wi-Fi Direct** to scan for available devices.
4. Select a device.

## Receiving a file using Wi-Fi Direct

When a file comes in through Wi-Fi Direct, your phone automatically begins receiving it. You can open the notification panel to view the file receiving progress.

By default, received files are saved to the **Wi-Fi Direct** folder in **File Manager**.

## Connecting your phone to a computer

### MTP mode

MTP mode lets you transfer media files, such as photos, songs, and videos, between your phone and a computer. Windows Media Player 11 or later is required.

1. Use a USB cable to connect your phone to the computer.
2. On the **USB connection methods** screen, touch **Device file manager (MTP)**.  
The phone driver is then automatically installed on the computer.
3. After the driver is installed, open the new drive and begin transferring media files between your phone and computer. Multimedia content on your phone can only be viewed through Windows Media Player.

### HiSuite mode

HiSuite is a file transfer application developed by Huawei that lets you back up, synchronize, and transfer data between your phone and computer.

1. Use a USB cable to connect your phone to the computer.

2. On the **USB connection methods** screen, touch **PC Suite (HiSuite)**. The phone driver is then automatically installed on the computer.
3. On the computer, open the new drive, double-click **HiSuiteDownloader.exe**, and follow the onscreen instructions to install HiSuite. You can then manage your phone's data on the displayed HiSuite window.

## USB flash drive mode

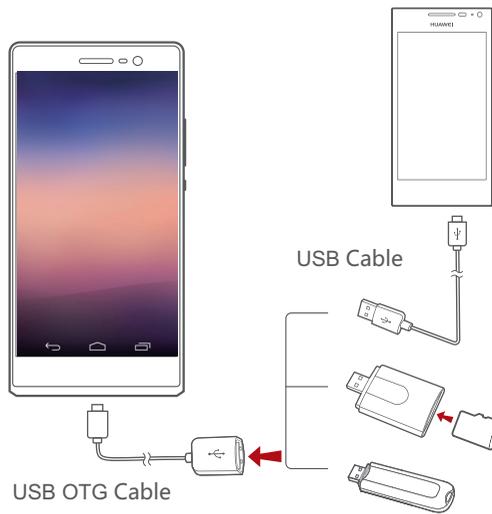
If a microSD card is inserted into your phone, you can use your phone as a USB flash drive and transfer files between your microSD card and computer.

1. Use a USB cable to connect your phone to the computer.
2. On the **USB connection methods** screen, touch **USB flash drive**. The phone driver is then automatically installed on the computer.
3. After the driver is installed, the computer will identify your phone as a USB flash drive. Open the new drive to view files on your microSD card.

## Connecting your phone to a USB storage device

You can connect your phone to a USB storage device directly using a USB OTG cable to transfer data. Compatible USB storage devices include USB flash drives, card readers, and phones that have a microSD card inserted.

-  To purchase a USB OTG cable, please contact an authorized Huawei retailer or your device vendor.



To connect your phone to another phone, make sure that phone has a microSD card installed. To establish a connection and read data stored on the microSD card:

1. Use a USB OTG cable and USB cable to connect the two phones.
  2. Turn on USB mass storage mode on the phone from which you want to read data.
  3. On your phone, touch  > **Local** > **USB** to read data from the other phone's microSD card.
  4. When you are done, touch  on your phone. Under **All**, touch **Storage** > **Unmount USB storage**.
-  To connect your phone to other types of USB storage devices, use a USB OTG cable to connect your phone to the device, and touch  > **Local** > **USB** on your phone.

# File Manager

## Creating a folder

1. On the home screen, touch .
2. Under **Local**, touch **Internal** or **SD card**.
3. Touch  > **New folder**.
4. Name the folder and touch **Save**.

## Searching for a file

1. On the home screen, touch .
2. Under **Local**, touch **Internal** or **SD card**.
3. Touch  > **Search**.
4. Enter part or all of the file name. Search results are displayed as you type.

## Copying, cutting, and pasting a file

1. On the home screen, touch .
2. Under **Local**, touch **Internal** or **SD card**.
3. Touch  or .
4. Touch the file you want to copy or cut, and touch **COPY** or **CUT**.
5. Select where you want to paste the file, and touch **PASTE**.

## Compressing or decompressing a file

You can compress files into .zip files to save space or decompress .zip and .rar files.

1. On the home screen, touch .
2. Under **Local**, touch **Internal** or **SD card**.
3. Touch  > **Compress**.
4. Select the file or folder you want to compress, and touch **COMPRESS**.
5. Choose the save path of the compressed file, name it, and touch **OK**.

To decompress a file, touch and hold it, and choose **Extract** from the displayed option menu.

## Renaming a file

1. On the home screen, touch .
2. Under **Local**, touch **Internal** or **SD card**.
3. Touch and hold the file you want to rename, and touch **Rename**.
4. Rename the file and touch **OK**.

## Deleting a file

1. On the home screen, touch .
2. Under **Local**, touch **Internal** or **SD card**.
3. Touch .
4. Select the file you want to delete, and touch **DELETE**.
5. Touch **OK**.

## Creating a shortcut for a file or folder

1. On the home screen, touch .
2. Under **Local**, touch **Internal** or **SD card**.
3. Touch and hold the file or folder you want to create a shortcut for, and choose **Desktop shortcuts** from the displayed option menu.

## Checking the storage status

1. On the home screen, touch .
2. Under **Local**, touch  > **Storage**.
3. On the **Storage** screen, view the total and available space in your phone's internal storage or microSD card.

# Managing applications

## Downloading applications

A rich selection of applications are available from a variety of sources. You can:

- Download applications from Google's Play Store.
- Download applications from web pages using the browser on your phone.
- Download applications using a computer, and copy the applications to the phone.
- Connect the phone to a computer, and download applications using HiSuite or other third-party applications.

## Installing an application

 Play Store should be your primary download source. Applications downloaded from some other sources may be malicious or incompatible with your phone.

1. On the home screen, touch .
2. Under **Categories**, touch **Apps**.
3. In the application list, touch the application you want to install, and follow the onscreen instructions to install it.

 During the installation, follow the onscreen instructions to set the application permissions to protect your phone and privacy.

## Viewing applications

You can view the sizes and access permissions of applications installed on your phone. You can also view the running applications to check the system running status.

1. On the home screen, touch .
2. Under **All**, touch **Manage apps**.
3. Select an application type: downloaded, running, or all.
4. Touch an application to view its details, and flick up or down for more information.

## Sharing an application

1. On the home screen, touch and hold the application you want to share until  is displayed at the top of the screen.
2. Drag the application to .
3. On the displayed dialog box, select a sharing method and follow the onscreen instructions to share the application.

 System applications can't be shared.

## Uninstalling an application

1. On the home screen, touch .
2. Under **All**, touch **Manage apps**.
3. Flick to **ALL**, and select the application you want to uninstall.
4. Touch **Uninstall** > **OK**.

 Some pre-installed applications can't be uninstalled.

## Clearing the application cache

You can clear the application cache to free up the phone storage.

1. On the home screen, touch  .
2. Under **All**, touch **Manage apps**.
3. Flick to **ALL**, and touch **Clear cache**.

# Phone Manager

## Optimizing the system

### Phone scanning

Phone scanning lets you run a full check of your phone's operation status and quickly optimize the system.

1. On the home screen, touch .
2. Touch **Scan** or **Touch to scan**.

After the scan is complete, follow the onscreen instructions to clear trash files, optimize the system, and remove potential threats to your phone.

### Phone accelerator

If you are experiencing slowdown issues with your phone, you may have too many applications using up too much memory. Optimize your system by using phone accelerator.

1. On the home screen, touch .
2. Touch **Phone accelerator**.
3. Select the unwanted applications, and touch **CLOSE**.

### Storage cleaner

1. On the home screen, touch .
2. Touch **Storage cleaner**.
3. Touch **Smart scan**, and clean your phone storage based on the scan results.

 On the **Storage cleaner** screen, touch  to have your phone clean the cache every day, clean the thumbnails every month, and remind you when your storage space is running low.

## Startup manager

1. On the home screen, touch .
2. Flick left and touch **Startup manager**.
3. Select applications to have them run automatically at system startup.

## Power manager

### Setting the power saving mode

1. On the home screen, touch .
2. Touch **Power saving**.
3. On the **Power saving** screen, you can:
  - Touch **Normal** to enable normal mode.
  - Touch **Smart** to enable smart mode and have your phone conserve power while still allowing full use of all phone functions.
  - Touch **Ultra** to enable ultra power saving mode. Only Dialer, Messaging, and Contacts can be used in this mode.

### Optimizing the power plan

1. On the home screen, touch .
2. Touch **Power saving**.
3. Touch **Power monitoring** and manually optimize the power plan based on the scan results.

## Harassment filter

### Harassment filter

1. On the home screen, touch .
2. Touch **Harassment filter**.

3. On the **Harassment filter** screen, you can:
    - Touch **Calls** or **Messages** to view blocked calls or messages.
    - Touch **Blacklist** > **ADD CONTACTS** to add a number to the blacklist.
-  On the **Harassment filter** screen, touch  to turn on or turn off Harassment filter and Interception reminders.

## Notification manager

Some applications may push all kinds of notifications to your phone. Notification manager lets you set restriction rules on notifications to avoid receiving unnecessary information.

1. On the home screen, touch .
2. Flick left and touch **Notification manager**.
3. On the **Notification manager** screen, you can:
  - Touch **Rules** to view applications that may send notifications to the notification panel and set push rights for your applications.
  - Touch **Log** to view blocked notifications.

# Backup, restoration, and update

## Backing up data to the local storage

1. On the home screen, touch **Tools** > .
2. Select or clear the **Encrypt your backup** check box. Once the backup file is encrypted, you need to enter the password to access it.
3. Touch **New backup**.
4. Select the data you want to back up, and follow the onscreen instructions to back it up.

By default, backup files are saved to the **HuaweiBackup** folder in **File Manager**.

-  Encrypted backup files can only be restored by **Backup** version 3.2.26 or later. To check the version you have, open **Backup**, and touch  > **Settings** > **About**.

## Backing up data to a USB storage device

Connect the USB storage device to your phone using a USB OTG cable. Make sure your phone can detect the USB storage device.

1. On the home screen, touch **Tools** > .
2. Touch  > **Back up to external USB storage**.
3. Select or clear the **Encrypt your backup** check box.
4. Touch **New backup**.

5. Select the data you want to back up, and follow the onscreen instructions to back it up.

 For details about how to connect your phone to a USB storage device, see [Connecting your phone to a USB storage device](#).

## Restoring data from the local storage

1. On the home screen, touch **Tools** > .
2. Select the backup file you want to restore. You can use the file's backup time as a reference.
3. If the backup file has been encrypted, enter the password when prompted, and touch **OK**.
4. Select the data you want to restore, and touch **RESTORE**.

## Restoring data from a USB storage device

Connect the USB storage device to your phone using a USB OTG cable. Make sure your phone can detect the USB storage device.

1. On the home screen, touch **Tools** > .
2. Touch  > **Back up to external USB storage**.
3. Select the backup file you want to restore. You can use the file's backup time as a reference.
4. If the backup file has been encrypted, enter the password when prompted, and touch **OK**.
5. Select the data you want to restore, and touch **RESTORE**.

 For details about how to connect your phone to a USB storage device, see [Connecting your phone to a USB storage device](#).

## Restoring factory settings

 Restoring your phone to the factory settings erases all your personal data from the phone storage, including information about your accounts, your system and application settings, and downloaded applications. Back up important data on your phone before you restore factory settings.

1. On the home screen, touch .
2. Under **All**, touch **Backup & reset**.
3. Touch **Factory data reset** > **Reset phone** > **Reset phone**. The phone will restore its factory settings and restart.

## Online update

Once in a while, new updates for your phone will be available online. You will receive a notification when updates are available. Before updating, make sure your phone has enough storage space for the update package.

-  • Using unauthorized third-party software to update your phone may damage your phone or put your personal information at risk. It is recommended that you update through your phone's online update feature or download official update packages from Huawei's official website.
- All your data may be erased during a system update. It is recommended that you back up important data before updating your phone.

To update your phone manually, go to the home screen, touch  > **Updates** > **System updates** > **Online update** to check for updates, and follow the onscreen instructions to update your phone online.

# Tools

## Calendar

Calendar is your personal assistant that helps you manage, arrange, and keep track of all important events. If you have saved the birthday information for your contacts, Calendar automatically creates birthday reminders.

### Creating an event

1. On the home screen, touch .
2. Touch .
3. Enter event details, such as the event name, time, location, and how often it repeats.
4. Touch **SAVE**.

### Viewing events

1. On the home screen, touch .
2. Touch the tabs at the top of the screen to switch between the year, month, week, day, and agenda views. The agenda view displays all your calendar events.

### Sharing an event

1. On the home screen, touch .
2. Select the event you want to share.
3. Touch  to share the event using Bluetooth, email, or other methods.

# Clock

Clock lets you view the time around the world, use stopwatch or timer to keep track of time, or set alarms to wake you up in the morning.

## Alarm

1. On the home screen, touch .
2. Under **Alarm**, you can:
  - Add an alarm: Touch , and set the alarm time, ringtone, how often it repeats, and more. Then touch **DONE**.
  - Turn on or turn off an alarm: Touch the switch button to the right of an alarm to turn it on or off.
  - Configure alarm settings: Touch , and set the snooze duration, whether the alarm rings in silent mode, and what the volume buttons do when pressed.
  - Delete an alarm: Touch , select the alarm you want to delete, and touch **DELETE**.

## World clock

1. On the home screen, touch .
2. Under **World clock**, you can:
  - Add a city: Touch , enter a city name or choose a city from the city list, and touch the city you want to add.
  - Set your time zone: Touch  to set your home time zone and system date and time.
  - Delete a city: Touch , select the city you want to delete, and touch **REMOVE**.

## Stopwatch

1. On the home screen, touch .

2. On the **Stopwatch** tab, touch **Start** to start timing.
3. Touch **Lap** to record multiple times.
4. Touch **Stop** to stop the stopwatch.

Touch **Reset** to clear all stopwatch records.

## Timer

1. On the home screen, touch .
2. On the **Timer** tab, rotate the dial to set the timer duration, or touch an option to quickly select a time duration.
  -  Touch  to set a tone for the timer.
3. When you are done, touch **Start** to start the timer.
4. When the timer ends, the phone plays a tone and starts overtime timing.
  - Touch **Close** to stop the tone and reset the timer.
  -  When the timer is running, touch **Reset** to reset it.

## Weather

Weather provides you with the latest weather information for any city around the world. You can share weather information with your family and friends.

-  Before you use **Weather**, turn on your phone's GPS and data service.

### Adding a city

Add cities to check their real-time weather information.

1. On the home screen, touch **Tools** > .
2. Touch  > .
3. Enter a city name. Matching cities are then displayed.
4. Select the city you want to add.
  -  In addition to your current city, you can add up to nine cities.

## Setting the default city

1. On the home screen, touch **Tools** > .
2. Touch .
3. Touch  to the right of the city you want to set as the default city.

 To rearrange the cities, in the city list, touch  > **Rearrange cities**.

## Deleting a city

1. On the home screen, touch **Tools** > .
2. Touch  > .
3. Select the city you want to delete, and touch **DELETE**.

## Updating the weather

1. On the home screen, touch **Tools** > .
2. Flick left or right to find the city whose weather you want to update.
3. Touch  to update the weather.

 You can also set **Weather** to automatic update mode. Touch  >  > **Settings**, select **Auto update**, and set **Update interval**. Your phone will then update the weather at the interval you set.

## Sharing weather information

Your phone lets you send weather information as a text message to remind your family and friends of weather changes.

1. On the home screen, touch **Tools** > .
2. Flick left or right to find the city whose weather you want to share.
3. Touch  to display the messaging screen.

4. Touch the recipient text box and enter the contact name or phone number. Matching contacts are displayed as you type. Touch to select a contact.  
 Touch  to select more contacts.
5. Touch **Send** to send the weather information.

# Phone settings

## Turning on or turning off airplane mode

 Your phone's signal reception or transmission may interfere with an airplane's flight system. Power off your phone or switch to airplane mode as required when you are on a flight. In airplane mode, your phone's wireless features are disabled, but you can still listen to music or play games.

Use either of the following methods to turn on or turn off **Airplane mode**:

- Press and hold the power button, and touch **Airplane mode**.
- On the home screen, touch . Under **All**, touch **Airplane mode**.

When airplane mode is on,  is displayed on the status bar.

## Adjusting the screen brightness

1. On the home screen, touch .
2. Under **All**, touch **Display**.
3. Touch **Brightness**.
4. Drag the slider left or right to adjust the screen brightness.

 You can also flick down from the status bar to open the notification panel and adjust the screen brightness using the shortcut switch.

## Modifying tone settings

1. On the home screen, touch .
2. Under **All**, touch **Sound**.
3. On the **Sound** screen, you can:

- Touch **Volume** and drag the sliders to set the volume of music, ringtones, notification tones, alarms, calls, and more.
- Touch **Silent mode** to turn on or turn off silence mode.
- Select or clear the **Vibrate in silent mode** check box to set whether your phone vibrates when it is in silence mode.
- Select or clear the **Vibrate when ringing** check box to set whether your phone vibrates when you have an incoming call.
- Touch **Phone ringtone** to select a ringtone.
- Touch **Default notification tone** to set a notification tone.
- Select or clear the **DTS mode** to turn on or turn off DTS audio.
- Touch or clear the check box under **SYSTEM** to turn on or turn off the notification tone or vibration when you touch or lock the screen, take a screenshot, dial a number, and more.

## Modifying display settings

1. On the home screen, touch .
2. Under **All**, touch **Display**.
3. On the **Display** screen, you can:
  - Touch **Brightness** to adjust the screen brightness.
  - Touch **Color temperature** to adjust the screen color temperature. To manually adjust the color temperature, clear the **Default** check box.
  - Touch **Wallpaper** to set the lock screen and home screen wallpapers.
  - Select or clear the **Auto-rotate screen** check box to enable or disable the screen auto-rotate function. If this function is enabled, your screen's orientation will automatically change with the way you hold your phone when you perform certain operations, such as browsing a web page, viewing a picture, or writing a message.
  - Select or clear the **Sunlight readable** check box to enable or disable readability enhancement under sunlight. If this function is enabled, your

phone will adjust the screen brightness based on the ambient light and help you read better in strong light.

- Touch **Sleep** to set a screen timeout period. If idle for the specified period, your phone automatically locks its screen to save battery power.
- Touch **Daydream** to enable or disable the screen saver. If this function is enabled, the screen saver will automatically run while your phone is being charged.
- Touch **Font size** to change the display font size.
- Touch **Font style** to change the display font style.
- Touch **Pulse notification light** to enable or disable the blinking indicator when you receive notifications.

## Turning on or turning off do not disturb mode

To avoid being disturbed when you need to focus on important business, turn on do not disturb mode. In do not disturb mode, your phone will ring only when you receive calls from allowed contacts. Other calls will be rejected, and message and other notification tones will be muted.

1. On the home screen, touch .
2. Under **All**, touch **Do not disturb**.
3. On the **Do not disturb** screen, you can:
  - Touch **Enable** to turn on or turn off do not disturb mode. In do not disturb mode,  is displayed on the status bar.
  - Touch **Scheduled** to schedule the effective time period for do not disturb mode.
  - Touch **Allowed contacts** to add contacts whose calls you can still receive in do not disturb mode.

- Touch **Repeat calls** to enable or disable the repeat calls function. After the repeat calls function is enabled, the second call from the same number made within 3 minutes will not be muted.

## Setting the date and time

1. On the home screen, touch .
2. Under **All**, touch **Date & time**.
3. On the **Date & time** screen, you can:
  - Select the **Automatic date & time** and **Automatic time zone** check boxes to use the network date and time.
  - Clear the **Automatic date & time** and **Automatic time zone** check boxes to manually set the date, time, and time zone.
  - Select or clear the **Use 24-hour format** check box to switch between the 12-hour and 24-hour formats.
  - Touch **Select date format** to select how you want the date to be displayed.

## Changing the system language

1. On the home screen, touch .
2. Under **All**, touch **Language & input**.
3. Touch **Language**.
4. Select a language.

## Setting the PIN of your SIM card

A personal identification number (PIN) is delivered with your SIM card to better protect your phone data. If you enable the SIM card lock, you must enter the PIN each time you turn your phone on.

Before you perform the following operations, make sure you have obtained your SIM card's PIN from your service provider.

1. On the home screen, touch  .
2. Under **All**, touch **Security**.
3. Touch **Set up SIM card lock**.
4. Select the **Lock SIM card** check box.
5. Enter your PIN, and touch **OK**.
6. Touch **Change SIM PIN** to change the PIN.

 The SIM card allows only a limited number of consecutive retries if an incorrect PIN is entered. If this limit is exceeded, you must enter a PIN unblocking key (PUK), which you can obtain from your service provider. The number of consecutive attempts to enter the PUK incorrectly is also limited. If this limit is exceeded, your SIM card will be permanently disabled. For details about these limits, contact your service provider.

## Accessibility

You can turn on or off accessibility features, such as magnification gestures and large text.

1. On the home screen, touch  .
2. Under **All**, touch **Accessibility**.

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