

htc® 8XT

User Guide

Sprint



Table of Contents

Get Started	1
Your Phone at a Glance.....	1
Charge Your Phone	1
Activate Your Phone	2
Complete the Setup Application.....	3
Get Contacts and Other Content into Your Phone	4
Set Up Voicemail	4
Sprint Account Information and Help.....	5
Sprint Account Passwords	5
Manage Your Account	5
Sprint Support Services	6
Phone Basics.....	8
Your Phone's Layout.....	8
Power Your Phone On and Off	9
Turn Your Screen On and Off	10
Sleep Mode	11
Your Phone's Lock Screen.....	11
Unlock the Screen	11
Change the Lock Screen Wallpaper	12
Customize the Lock Screen Notifications.....	12
Touchscreen Navigation	13
Motion Gestures	16
Start Screen.....	19
Customize the Start Screen	19
Change the Theme.....	21
Capture the Phone Screen	21
Working with Apps and Settings.....	21
Open an App	21
Get to Know Your Settings.....	22
Status and Notifications	22

Status Icons.....	22
Front Indicator Light (LED).....	23
Change the Ringtone.....	23
Adjust the Volume.....	23
Use Speech on Your Phone.....	24
Turn On More Speech Commands.....	24
Enter Text, Numbers, and Symbols.....	25
Type Text.....	25
Enter Numbers and Symbols.....	26
Move the Cursor.....	26
Enter Words with Predictive Text.....	26
Change the Keyboard Language.....	27
Keep Things in Sync.....	27
Phone Calls.....	28
Make Phone Calls.....	28
Call Emergency Numbers.....	28
Make International Calls from the U.S.....	29
Receive Phone Calls.....	29
In-call Options.....	30
3-Way Calling.....	31
End a Call.....	31
Call Services.....	31
Caller ID.....	31
Call Waiting.....	32
Call Forwarding.....	32
History.....	33
Open History.....	33
Make a Call from History.....	33
Save a Number from History.....	34
Clear History.....	34
Visual Voicemail.....	34
Set Up Visual Voicemail.....	35
Review Visual Voicemail.....	35

Voicemail	36
Set Up Voicemail	36
Retrieve Your Voicemail Messages	36
Airplane Mode.....	37
People	38
The People Hub.....	38
Jump to a Section in the People List.....	39
Filter Your People List.....	39
Find People	39
Add a New Contact.....	39
Add a New People Entry.....	39
Manage Your People List.....	40
Edit a People Entry.....	40
Delete an Entry.....	40
Merge People Profiles.....	41
Unlink People Profiles.....	41
Contact Groups.....	42
Create a Group.....	42
Send a Message or Email to a Group.....	42
Rearrange Group Tiles	42
Edit a Contact Group.....	43
Change a Group Member's Contact Preference	43
Real-time Sharing with Rooms.....	44
Create a New Room	44
Invite Contacts to a Room.....	44
Rearrange the Room Tiles.....	44
Manage a Room.....	45
Leave a Room	45
Set Up Your Profile (Me Tile)	45
Post to Social Networks.....	46
Filter Social Updates.....	48
Accounts and Messaging	49
Email	49

Add Your Microsoft Account	49
Add an Email Account	49
Add a Microsoft Exchange ActiveSync Account	50
Check Your Mail Inbox	50
Link Your Email Inboxes	51
Send an Email Message	51
Manage Email Messages	52
Change the Email Account Settings	53
Messaging	54
Send a Text Message (SMS) or Start a Chat	54
Set Your Chat Status	55
Share Pictures, Videos, and More in a Message	55
Read and Reply to a Message	56
Messaging FAQ	56
Copy and Paste a Message	57
Manage Messages and Conversations	57
Social Networking Accounts	58
Add Your Social Network Account	58
Apps and Entertainment	59
Windows Phone Store	59
Install an App from Windows Phone Store	59
Set Up a Payment Method for Windows Phone Store	59
Uninstall an App	60
Wallet	60
Xbox LIVE in the Games Hub	63
Maps and Location	63
Turn On Location Services	64
Maps	64
Local Scout	67
Using Scout	68
Listen to Music	69
Beats Audio - Make Your Music Sound Better	69
Music+Videos	69

Sprint Music Plus.....	70
Sprint TV.....	70
Kid's Corner.....	70
Web and Data.....	73
Data Services – Sprint 4G LTE and Sprint 3G Networks.....	73
Your User Name.....	73
Launch a Web Connection.....	73
Data Connection Status and Indicators.....	73
Turn the Data Connection On or Off.....	74
Enable Data Roaming.....	74
Manage Your Data Usage with Data Sense.....	74
Set the Data Usage Limit.....	75
Save on Data Usage.....	75
Wi-Fi.....	76
Turn Wi-Fi On and Connect to a Wireless Network.....	76
Connect to a Hidden Wi-Fi Network.....	76
Disconnect From a Wi-Fi Network.....	77
Use Your Phone as a Mobile Hotspot.....	77
Search for Information.....	78
Use Bing to Search for Information.....	78
Scan Codes, Tags, and Text.....	79
Browse the Web.....	80
Use Tabs to Open Multiple Web Pages.....	81
Music Search.....	82
Camera and Video.....	84
Launch the Camera.....	84
Take a Photo.....	85
Record a Video.....	85
After Capturing.....	86
Change Camera and Video Settings.....	86
Capture Photos and Videos Using the HTC Camera.....	87
Open HTC Camera.....	87
Set the Camera Button to Open HTC Camera.....	88

Before You Use HTC Camera	88
Take a Photo	89
Record a Video	90
Camera Scenes	91
Change Camera and Video Settings	92
Access Photos and Videos	92
View Photos and Videos	92
Add a Photo to Your Favorites	93
Change the Photos Hub Background	93
Share Your Photos	93
Enhance Your Photos - Photo Enhancer	94
Tools and Calendar	95
Calendar	95
View the Calendar	95
Create or Edit a Calendar Appointment	96
Quickly Create an Appointment on a Time Slot	96
Send an Invitation	96
Create a New To-Do Task	97
Display and Sync Calendars	97
Calculator	98
Set an Alarm	98
Get Productive with the Office Hub	99
Create and Share Notes with OneNote Mobile	99
HTC Hub	101
Checking Weather	101
Keep Track of Your Stocks	102
Read News Feeds	105
Bluetooth and NFC	106
Connect a Bluetooth Accessory	107
Disconnect from a Bluetooth Accessory	107
Unpair a Bluetooth Accessory	107
Share Content with NFC	108
Update Your Phone	109

Set Update Notification and Downloading Option	109
Prepare for a Phone Update	110
Install an Update.....	110
Correct the Date and Time.....	110
Update Your Network Profile	110
SIM Card	111
microSD Card	111
Insert the microSD Card	111
Remove the microSD Card.....	113
Check the microSD Card Memory	114
Settings.....	115
Sound Settings	115
Ringtone and Volume	115
Set Your Phone to Silent Mode.....	115
Choose Notification Sounds.....	115
Use Attentive Phone Features	116
Beats Audio	116
Display Settings.....	116
Accent Color and Background	116
Adjust the Screen Brightness Manually.....	116
Set the Time Delay Before the Screen Turns Off	117
Customize the Lock Screen.....	117
Wireless and Internet Settings	117
Share Your Internet Connection.....	118
Wi-Fi Settings	118
Bluetooth Settings.....	118
Tap+Send (NFC) Settings.....	118
Cellular and Airplane Mode Settings.....	118
Security and Location Settings.....	119
Protect Your Phone with a Password.....	119
Location Services Settings.....	119
Kid's Corner Settings	119
Find My Phone Settings.....	120

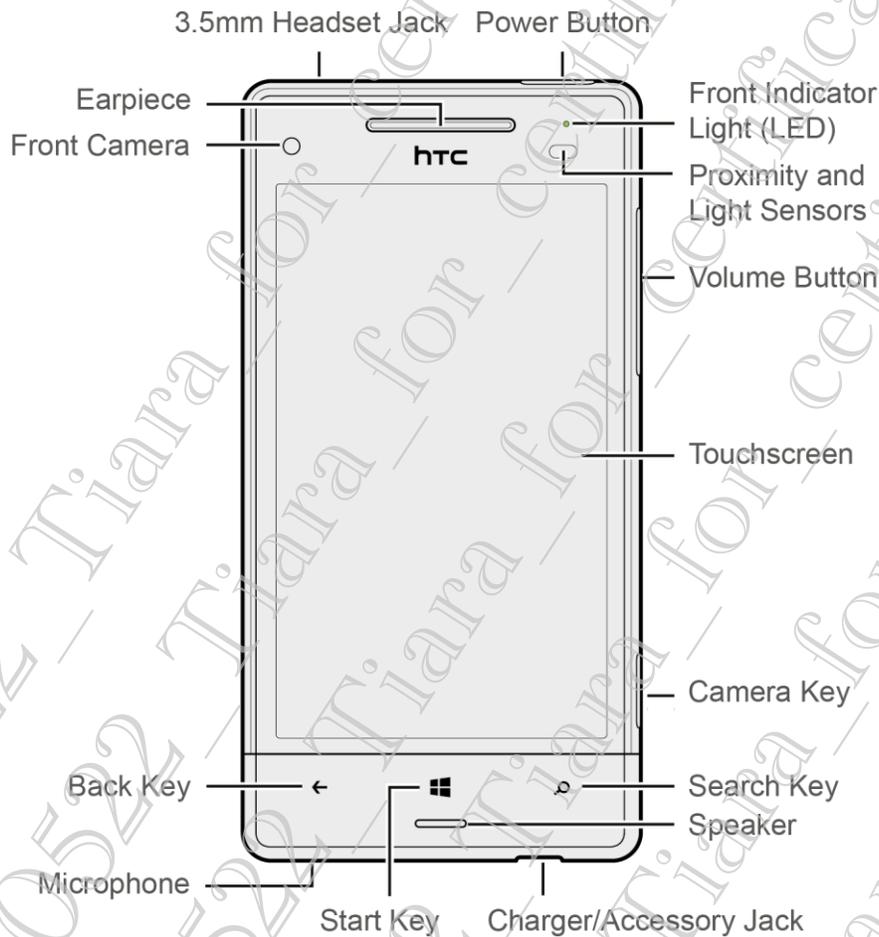
Allow Company Apps to Install on Your Phone	120
Email and Social Networking Accounts	121
Keyboard, Language, and Speech Settings	121
Add a Keyboard Language	121
Change the Phone Language and Regional Format	121
Speech Settings	122
Accessibility Settings	122
Use Text to Speech	122
Ease of Access Settings	123
Use TTY/TDD Mode	123
Power Settings	124
Check the Battery Level	124
Turn Battery Saver On	124
Back Up Your Files	125
Storage Settings	125
Check the Phone Storage	125
Storage Card Settings	126
Update and Reset	126
Phone Update Settings	126
Network Profile Update Settings	126
Factory Reset	126
Date and Time	127
Phone Information	127
Check Phone Info	127
Provide Feedback	127
Proprietary Notices and Instructions	129
Other Helpful Resources	130
Radio Frequency Exposure Operating Instructions	130
Windows Phone 8 Software License Terms	131

Get Started

This section gives you all the information you need to set up your phone and Sprint service the first time.

Your Phone at a Glance

The following illustrations outline your phone's primary external features, keys, and buttons.

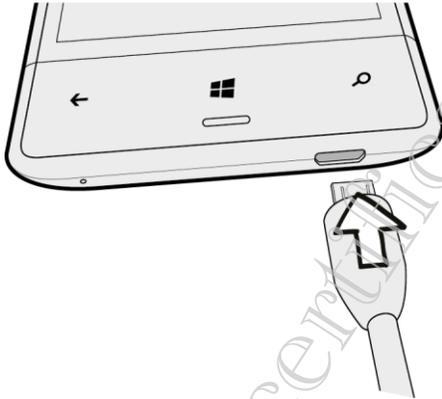


Charge Your Phone

You must first charge the battery to begin setting up your phone. Only the power adapter and USB cable provided in the box must be used to charge the battery.

1. Plug one end of the USB cable to the AC adapter.

2. Plug the other end of the USB cable into the charger/accessory jack on the bottom panel of your phone.



3. Plug the AC adapter into an electrical outlet. As the battery is being charged, the front indicator LED shows a solid red light. The light turns to solid green when the battery is fully charged. Fully charging a battery may take up to three hours.

Note: Your phone's battery should have enough charge for the device to turn on and find a signal, run the setup application, set up voicemail, and make a call. You should fully charge the battery as soon as possible.

4. Press and hold the Power button () to turn the phone on. You will feel or hear the phone vibrate when it has been turned on.

Your phone will search for Sprint service, and begin the setup application.

Activate Your Phone

Follow the instructions below to activate your phone if it has not already been activated. Depending on your account or how and where you purchased your phone, it may be ready to use or you may need to activate it on your Sprint account.

- If you purchased your phone at a Sprint Store, it is probably activated and ready to use.
- If you received your phone in the mail and it is for a new Sprint account or a new line of service, it is designed to activate automatically.
 - When you turn the phone on for the first time, you should see a **Setting up connections** screen. Follow the onscreen instructions to continue.
- If you received your phone in the mail and you are activating a new phone for an existing number on your account (you're swapping phones), you can activate on your computer online or directly on your phone.
 - Activate on your computer:

- Go to sprint.com/activate and complete the online instructions to activate your phone
- Activate on your phone:
 - Turn on your new phone. (Make sure the old one is turned off.) Your phone will automatically attempt Hands-Free Activation.
 - Touch **Activate** to override auto-activation and start the manual activation wizard.
 - Follow the onscreen prompts to complete the activation process.

To confirm activation, make a phone call. If your phone is still not activated or you do not have access to the Internet, contact Sprint Customer Service at **1-888-211-4727** for assistance.

Tip: Do not press the Power button while the phone is being activated. Pressing the Power button cancels the activation process.

Note: If you are having any difficulty with activation, contact Sprint Customer Service by calling **1-888-211-4727** from any other phone.

Complete the Setup Application

Walk through the on-phone setup to choose your phone language, Internet connection, select how you want to set up your new phone, and more.

1. Touch **get started** to begin. Touch **next** or follow screen instructions to proceed.
2. **Choose a language.** Change the phone language. You can also change this in Settings. For more information, see [Change the Phone Language and Regional Format](#).
3. **Windows Phone Terms of Use.** Touch **accept** to continue.
4. **Set up your phone.**
 - Touch **recommended** to let your phone automatically set the cellular data and other basic settings. Otherwise, touch **custom**, and then select or clear the settings based on your preference.
 - Set your home country and time zone.
5. **Keep your life in sync.** Sign in to or create a new Microsoft account. Signing in with your Microsoft account lets you use services such as Windows Phone Store™, Xbox LIVE®, and more. If you don't have a Microsoft account, touch **create one** and follow the onscreen instructions.

Note: You can use your Windows Live ID, Outlook.com email account, or Hotmail account as your Microsoft account.

6. Information on how to secure your phone is displayed. Touch **next**.
7. Read how you can set a password for your phone, and then touch **next**.

Note: For details on how to set up a password, see [Protect Your Phone with a Password](#).

8. Touch **done**.

Get Contacts and Other Content into Your Phone

There are several ways you can add contacts and other content to your phone.

- **Online accounts.** Log in to your online accounts to import or sync contact information from them. See [Add an Email Account](#) or [Add Your Social Network Account](#).
- **Microsoft Exchange ActiveSync.** Your phone syncs your work contacts from the Microsoft Exchange ActiveSync Server in your workplace. For more information on how to set up a Microsoft Exchange ActiveSync account on your phone, see [Add a Microsoft Exchange ActiveSync Account](#).
- **Phone contacts.** You can create contacts locally on your phone, if you don't prefer to store them on your online accounts. For details, see [Add a New People Entry](#).

Set Up Voicemail

Your phone automatically transfers all unanswered calls to your voicemail, even if your phone is in use or turned off. You should set up your Sprint Voicemail and personal greeting as soon as your phone is activated. Always use a password to help protect against unauthorized access.

1. On the Start screen, touch . (If your screen is locked, press  to turn on the display and then drag the screen up to unlock the screen.)
2. Touch  > .
3. Follow the system prompts to:
 - Create your password.
 - Record your name announcement.
 - Record your greeting.

Note: **Voicemail Password** – Sprint strongly recommends that you create a password when setting up your voicemail to help protect against unauthorized access. Without a password, anyone who has access to your phone is able to access your voicemail messages.

Sprint Account Information and Help

Find out about account passwords and information about managing your account and finding help.

Sprint Account Passwords

You will need to create passwords to help protect access to your personal account information, your voicemail account, and your data services account. As a Sprint customer, you enjoy unlimited access to all your information.

Account User Name and Password

If you are the account owner, you will create an account user name and password when you sign on to sprint.com. (Click **Sign in/Register** and then click **Sign up now!** to get started.) If you are not the account owner (if someone else receives the bill for your Sprint service), you can get a sub-account password at sprint.com.

Voicemail Password

You'll create your voicemail password when you set up your voicemail. See [Set Up Voicemail](#) for more information on your voicemail password.

Data Services Password

With your Sprint phone, you may elect to set up an optional data services password to control access and authorize purchases.

For more information, or to change your passwords, sign on to sprint.com or call Sprint Customer Service at **1-888-211-4727**.

Manage Your Account

Manage your Sprint account from your computer, your Sprint phone, or any other phone.

Online: sprint.com

- Access your account information.
- Check your minutes used (depending on your Sprint service plan).
- View and pay your bill.
- Enroll in Sprint online billing and automatic payment.
- Purchase accessories.
- Shop for the latest Sprint phones.
- View available Sprint service plans and options.

- Learn more about data services and other products like games, ring tones, screen savers, and more.

From Your Sprint Phone

1. On the Start screen, touch . (If your screen is locked, press the Power button to turn on the display and then drag the screen up to unlock the screen.)
2. Touch .
3. Do any of the following:
 - Touch  4  to check minute usage and account balance.
 - Touch  3  to make a payment.
 - Touch  2  to access a summary of your Sprint service plan or get answers to other questions.

From Any Other Phone

- Sprint Customer Service: **1-888-211-4727**.
- Business Customer Service: **1-888-788-4727**.

Sprint Support Services

Sprint 411 and Sprint Operator Services let you easily access information and calling assistance from your Sprint phone.

Sprint 411

Sprint 411 gives you access to a variety of services and information, including residential, business, and government listings; movie listings or showtimes; driving directions, restaurant reservations, and major local event information. You can get up to three pieces of information per call, and the operator can automatically connect your call at no additional charge.

There is a per-call charge to use Sprint 411, and you will be billed for airtime.

1. On the Start screen, touch . (If your screen is locked, press the Power button to turn on the display and then drag the screen up to unlock the screen.)
2. Touch .
3. Touch  4 1 1 .

Sprint Operator Services

Sprint Operator Services provides assistance when you place collect calls or when you place calls billed to a local telephone calling card or third party.

1. On the Start screen, touch . (If your screen is locked, press the Power button to turn on the display and then drag the screen up to unlock the screen.)
2. Touch .
3. Touch **0** .

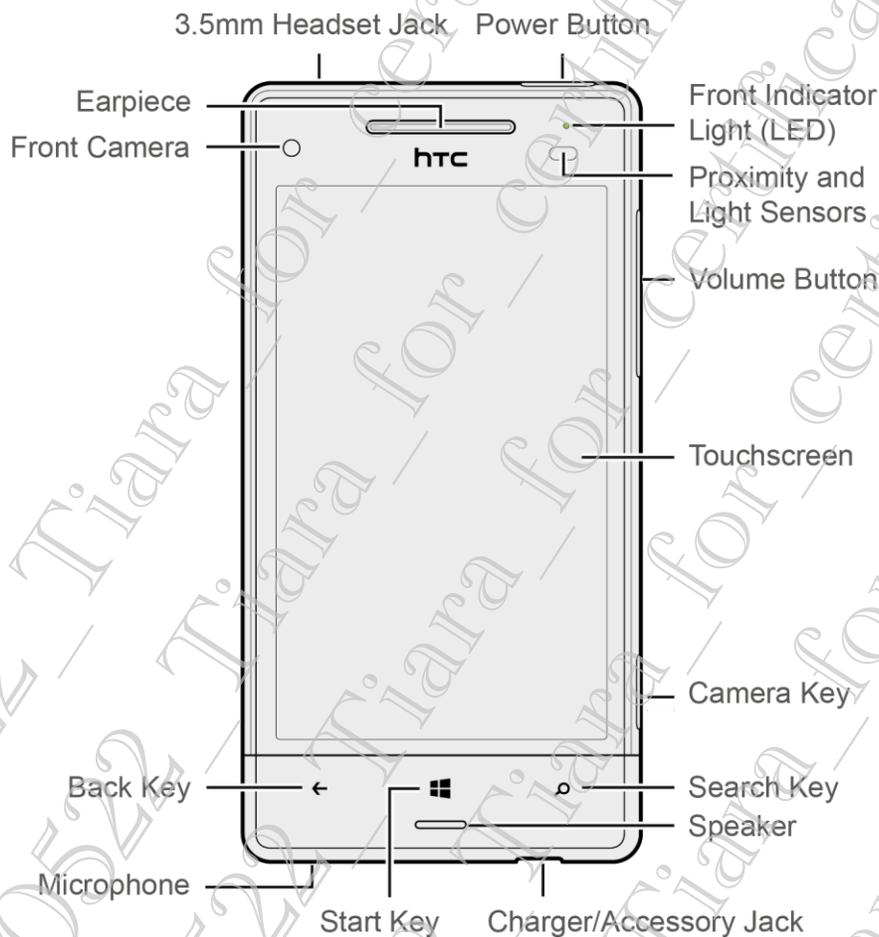
For more information or to see the latest in products and services, visit us online at sprint.com.

Phone Basics

Your phone is packed with features that simplify your life and expand your ability to stay connected to the people and information that are important to you. The topics in this section will introduce the basic functions and features of your phone.

Your Phone's Layout

The illustrations below outline your phone's basic layout.



- **Back Key** lets you return to the previous screen, or close a dialog box, options menu, or onscreen keyboard.
- **Microphone** allows other callers to hear you clearly when you are speaking to them.
- **Start Key** lets you display the Start screen.
- **Charger/Accessory Jack** allows you to connect the phone charger or the USB cable (included).

CAUTION! Inserting an accessory into the incorrect jack may damage the phone.

- **Speaker** lets you hear music and the different ringers and sounds on your phone. The speaker also lets you hear the caller's voice in speakerphone mode.
- **Search Key** lets you start searching the Web and your phone using Bing™ Search. For details, see [Use Bing to Search for Information](#).
- **Camera Button** lets you quickly launch the camera app from anywhere you are on your phone.
- **Touchscreen** lets you view and control all the features of your phone.
- **Volume Button** allows you to adjust the ringer or media volume or adjust the voice volume during a call.
- **Proximity and Light Sensors.** The proximity sensor turns off the screen automatically when you place the phone near your face. The light sensor adjusts the screen brightness depending on the ambient light.

Note: If you want to use a screen protector, please don't cover and block the sensors. You can purchase the dedicated screen protector for your phone that already has a small opening for the sensors.

- **Front Indicator Light (LED)** shows your phone's status or pending notifications at a glance.
- **Power Button** lets you turn the phone or the screen on or off.
- **3.5 mm Headset Jack** allows you to plug in either a stereo headset or an optional headset for convenient, hands-free conversations.

CAUTION! Inserting an accessory into the incorrect jack may damage the phone.

- **Earpiece** lets you hear the caller and automated prompts. The earpiece also functions as a speaker to provide a richer sound when you're playing music or watching videos.
- **Front Camera** allows you to take photos and videos or start a video call.

Power Your Phone On and Off

The instructions below explain how to turn your phone on and off, or how to restart the phone when it's not responding to screen touches or button presses.

Turn Your Phone On

- ▶ Press and hold the Power button. You will feel or hear the phone vibrate when it has been turned on.

Turn Your Phone Off

1. Press and hold the Power button until the screen displays **slide down to power off**.
2. Swipe your finger down the screen.

Note: When the screen is locked and you press the Power button, it will only turn off the screen and not the phone. You will need to unlock the screen first before you press and hold the Power button to turn the phone off. See [Turn Your Screen On and Off](#) for details.

Phone Not Responding?

Restart your phone if it doesn't respond when you touch the screen or press the buttons.

- ▶ Press and hold the Power button for at least 12 seconds. Your phone turns off and then turns back on.

Turn Your Screen On and Off

Your phone allows you to quickly turn the screen off when not in use and to turn it back on and unlock it when you need it.

Turn the Screen Off When Not in Use

- ▶ To quickly turn the screen off, press the Power button. Pressing the Power button again or receiving an incoming call will turn on your phone screen and show the lock screen or the incoming call screen.

To save battery power, the phone automatically turns off the screen after a certain period of time when you leave it idle. You will still be able to receive messages and calls while the phone's screen is off.

Note: For information on how to adjust the time before the screen turns off, see [Set the Time Delay Before the Screen Turns Off](#).

Turn the Screen On and Unlock It

Below are steps for how to unlock your phone's screen.

1. To turn the screen on, press the Power button.
2. Swipe your finger up the screen to unlock it.

Note: If you've set up a password in the settings, you'll need to enter it to unlock the screen. See [Protect Your Phone with a Password](#).

Sleep Mode

Sleep mode saves battery power by putting your phone into a low power state while the display is off. It also stops accidental button presses when your phone is in your bag or pocket. You'll still receive messages and calls when the phone is in Sleep mode.

Switch to Sleep Mode

- ▶ Briefly press the Power button to turn off the display and switch to Sleep mode. Your phone also automatically goes into Sleep mode when it's idle for a while.

Wake up from Sleep Mode

- ▶ To wake your phone up manually, press the Power button. You'll need to unlock the screen to begin using your phone.

Tip: Your phone automatically wakes up when you have an incoming call.

Your Phone's Lock Screen

Aside from protecting the phone's screen from unwanted touches and presses, the lock screen also displays important information, such as upcoming calendar events, and number of new text and email messages and missed calls.

Unlock the Screen

Unlock the screen to receive an incoming call or to access your phone.

- ▶ Swipe your finger up to unlock the screen or answer an incoming call.



Note: If you've set up a password in the settings, you'll need to enter it to unlock the screen. See [Protect Your Phone with a Password](#).

Change the Lock Screen Wallpaper

You can change the lock screen wallpaper by choosing from a collection of preset wallpapers or from photos in your collection or that you've taken with the camera.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **lock screen**.
3. Touch the **Background** box and then choose **photo**.
4. Touch **change photo** and select a photo from your albums or touch  to take a new photo.

Note: Touch **Backgrounds** to select from preset background images.

5. If the photo you selected is bigger than the allowable wallpaper size, crop the photo. To crop, drag the photo and position the part that you want to be your wallpaper inside the crop box, and then touch .

Customize the Lock Screen Notifications

Get a quick glance of important notifications right on your lock screen.

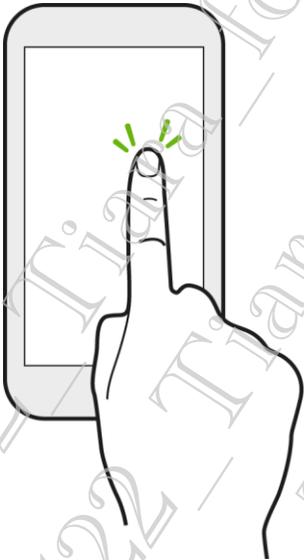
1. On the Start screen, slide to the left.
2. Touch **Settings** > **lock screen**.
3. Choose an app for detailed notifications.
4. Choose up to five apps for quick notifications.
5. When you're done, touch .

Touchscreen Navigation

Your phone's touchscreen lets you control actions through a variety of touch gestures.

Touch

Touch the screen with your finger when you want to select onscreen items such as application and settings icons, or press onscreen buttons.



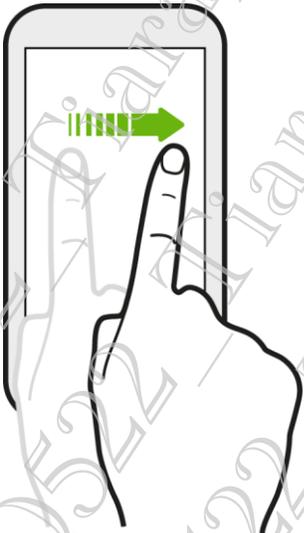
Touch and Hold

To open the available options for an item (for example, additional keys on the keyboard), touch and hold the item.



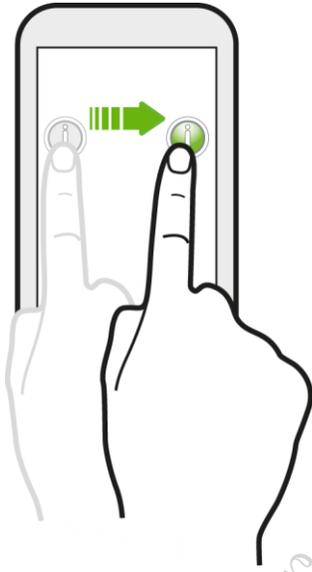
Swipe or Slide

Swipe your finger vertically or horizontally across the screen when you need to scroll through a long list or see other screens in a hub.



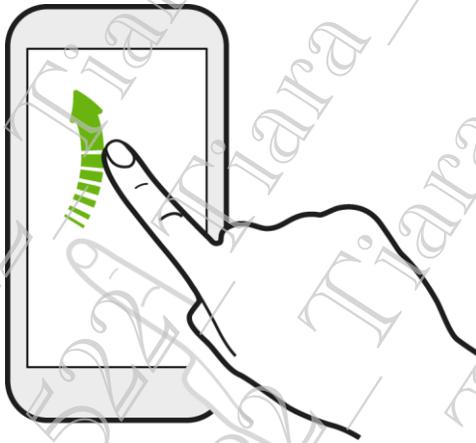
Drag

To drag, press and hold your finger with some pressure before you start to drag. While dragging, do not release your finger until you have reached the target position.



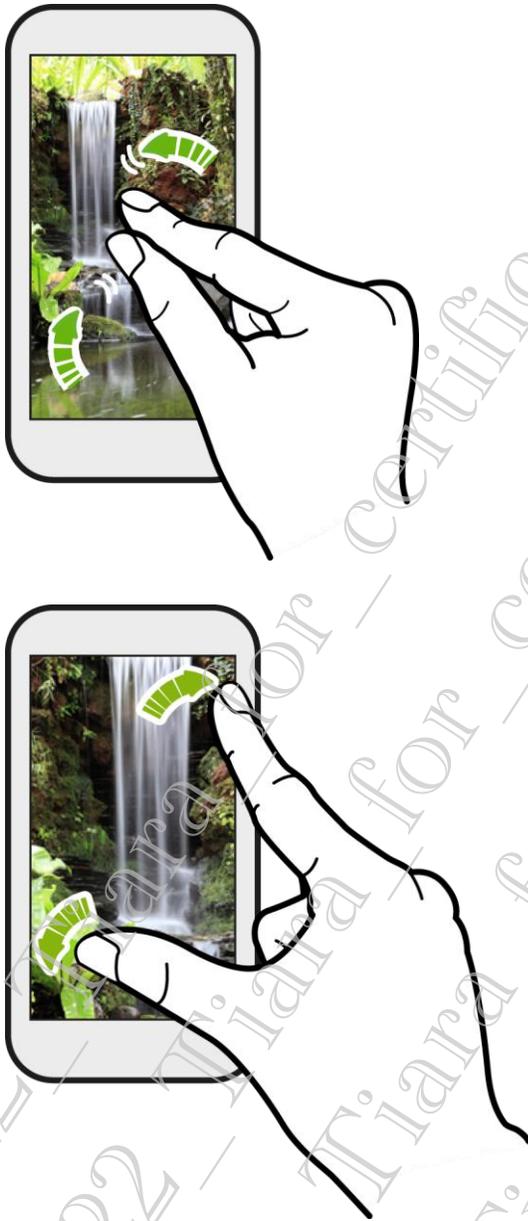
Flick

Flicking the screen is similar to swiping, except that you need to swipe your finger in light, quick strokes, such as when moving from the Start screen to the apps list. This finger gesture is always in a vertical direction.



Pinch and Spread

“Pinch” the screen using your thumb and forefinger to zoom out, or “spread” the screen to zoom in when viewing a picture in Photos or a Web page in Internet Explorer. (Move fingers inward to zoom out and outward to zoom in.)



Motion Gestures

Use motion gestures to rotate the screen, mute, lower the ringtone volume, and more.

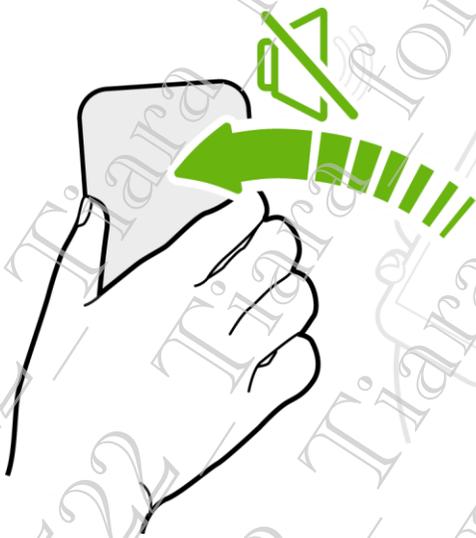
Rotate

For most screens, you can automatically change the screen orientation from portrait to landscape by turning the phone sideways. When entering text, you can turn the phone sideways to bring up a bigger keyboard.



Flip to Silence

When a call comes in, you can turn your phone over to mute it.



1. Touch  and slide to the left.
2. Touch **Settings** > **attentive phone**.
3. Select the **Flip to mute ringer** option to activate the feature.

Pick Up to Lower Volume

In a business meeting or restaurant, pick your phone up when a call comes in to lower the ringtone volume.



1. Touch  and slide to the left.
2. Touch **Settings** > **attentive phone**.
3. Select the **Quiet ring on pickup** option to activate the feature.

Set Volume to Automatically Increase while in Your Pocket or Bag

You can set your phone to recognize when it's in your bag or pocket and raise the ringtone volume so that you can hear it in noisy environments.



1. Touch  and slide to the left.
2. Touch **Settings** > **attentive phone**.
3. Select the **Loud ring in pocket or purse** option to activate the feature.

Start Screen

Up front on the Start screen, you'll see live tiles that continuously update and show what's most personal to you. You'll see your photo album, how many new text and email messages you have, and more.



- Simply swipe your finger up or down to scroll through the tiles.
- Slide your finger left to access apps and settings.
- To return to the Start screen from any screen, touch .

Customize the Start Screen

Your phone allows you to rearrange or resize the Start screen tiles, and pin or unpin an item from the Start screen.

Rearrange and Resize Tiles

1. Touch .

2. Touch and hold the tile you want to change until it floats.



3. Do any of the following:
 - To resize, touch the arrow in the lower right corner of the tile.
 - To move, drag the tile where you want it to go.
4. When you're done moving or resizing tiles, touch the tile again or touch  or .

Pin an Item to the Start Screen

You can pin just about anything you want to the Start screen: apps, pictures, songs, favorite websites, documents, and even contacts. For example, when you pin a contact to the Start screen, you'll get all of that person's updates — feeds, email, text messages, and call notifications — right from that tile.

1. Navigate to the item that you want to pin. For example, go to the People app if you want to pin a favorite contact.
2. Touch and hold the item until a menu appears.
3. Touch **pin to start**.

Unpin an Item from the Start Screen

1. Touch .
2. Touch and hold the tile you want to unpin, and then touch .

Change the Theme

You can change the screen's background and accent colors to match your mood. The accent color you choose will appear in various places, like the tiles on the Start screen, app icons, on Web links, in messages, and more.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **theme**.
3. Choose the background and accent colors that you like by selecting their respective boxes.

Capture the Phone Screen

Want to show off your high game score, write a blog post about your phone's features, or post a status update about a song you're playing? It's easy to take a picture of the screen and share it from Gallery.

- ▶ Briefly press and hold the Power button, and then touch . The screen is saved in the **Screenshots** album in the Photos hub.

Working with Apps and Settings

Quickly open your favorite apps even and easily change your phone settings.

Open an App

There are several options for opening an app.

- Touch an app tile from the Start screen.
- On the Start screen, slide to the left, and then touch the app you like.

Tip: If the apps list is long, touch a letter tile to display all the alphabet tiles. Touch a letter to quickly jump to the section that has apps beginning with that letter. For example, to quickly find **Settings**, touch any letter tile, and then touch .

Switch Between Apps

Many apps can run at the same time, and there's an easy way to switch between them all.

1. Touch and hold  to see what apps are currently running.
2. Slide left or right across the screen to see all open apps, and then touch the one you want to use.

Get to Know Your Settings

Want to change the ringtone, set up a Wi-Fi connection, or adjust the brightness of the phone's display? Do this and more in Settings.

- ▶ On the Start screen, slide to the left, and then touch **Settings**.

Tip: If you have a Settings tile  on your Start screen, just touch it to go to the Settings menu.

To pin the Settings tile on the Start screen, touch and hold **Settings** on the apps list, and then touch **pin to start**.

Status and Notifications

The status bar makes it easy to see your phone's connection, battery level, and more.

Status Icons

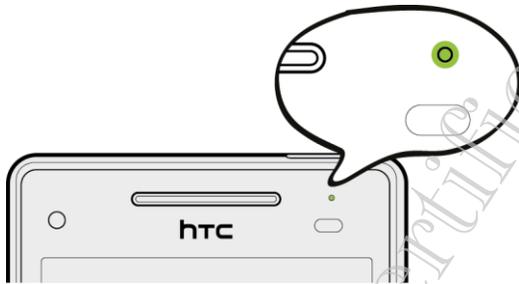
The status icons that appear at the top of the screen provide phone and service status information. To display all status icons, drag the top of screen down.



Icon	Description
	Signal strength (More bars = stronger signal)
	Connected to a Wi-Fi network
	Sprint 4G LTE Network available and active (with icon animation)
	Sprint 3G Network is available and active (with icon animation)
	Phone's location feature is on and available for location-based services such as Maps
	Vibrate mode
	Battery is fully charged
	Battery is charging
	Bluetooth on
	Airplane mode

Front Indicator Light (LED)

The Front Indicator Light (LED) provides phone information at a glance. The indicator shows:



- Solid green light when your phone is connected to the power adapter or a computer and the battery is fully charged.
- Flashing green light when you have a pending notification (for example, a new message or a missed call).
- Solid orange light when the battery is being charged.
- Flashing orange light when the battery level reaches very low. (Power is below 14%.)

Note: The indicators are listed in order of priority. For example, if your phone is connected to the AC adapter and the battery is charging, the LED will be solid orange and will not switch to a flashing green light even if there is a pending notification.

Change the Ringtone

Choose from a variety of preset ringtones on your phone.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **ringtones+sounds**.
3. Touch the **Ringtone** box.
4. Listen to a ringtone by touching the play icon beside its name.
5. Touch the ringtone you want to use.

Adjust the Volume

Adjust the phone volume or set it to vibrate mode just by pressing the Volume buttons.

1. Turn on the phone display.

2. Press the Volume button to make the volume bar appear.



3. Keep pressing the Volume button until you get the volume level that you want.

Silence Your Ringer

1. Turn on the phone display.
2. Press the Volume button to make the volume bar appear.
3. Touch .

If the **Vibrate** option is on in **Settings > ringtones+sounds**, your phone will change to vibrate mode. If it's not, your phone will change to silent mode.

Use Speech on Your Phone

Make a call, send a text, or find a place by simply using your voice.

1. Press and hold . If this is your first time using the speech feature, the screen will display some examples of things you can say. After reading the examples, touch **accept**.
2. Say an instruction, for example:
 - To call someone in your contact list, you can say **Call Jennifer Singer, mobile**.
 - To open an app such as Calendar, say **Open Calendar**.
 - To search for something on the Web such as pizza parlors, you can say **Find pizza parlors**.
 - If you need help, say **What can I say?** to view or listen to the various types of voice instructions you can use.

Turn On More Speech Commands

You can turn on additional speech commands in the settings, such as saving and dialing speed dial numbers. You can also set your phone to read aloud text messages and allow you to dictate your reply message without typing.

1. On the Start screen, slide to the left.
2. Touch **Settings > ease of access**.

3. Touch the **Speech for phone accessibility** On/Off switch to turn on additional speech commands for phone calls. You'll be able to use these commands:
 - **Save speed dial:** To assign a speed dial number
 - **Call number.** To call a speed dial number
 - **Turn call forwarding on/off:** To turn call forwarding on or off
4. Touch  to return to the settings list.
5. Touch **speech**.
6. Make sure the **Play audio confirmations** switch is turned on. This makes your phone speak aloud to inform you of incoming phone calls.
7. To make your phone read text messages to you, touch the **Read aloud incoming text messages** box. Choose whether you want your phone to read text messages all the time, or only when you're using a Bluetooth or wired headset.

Enter Text, Numbers, and Symbols

When you start an app or select a field that requires text or numbers, the onscreen keyboard becomes available.



Type Text

Enter text by touching the keys on the onscreen keyboard.

1. Open an app that requires text entry.
2. Touch a text field or anywhere where you can type and the keyboard appears automatically.
3. Touch the letter keys to enter text.
 - Many keys provide additional options, for example, **ë** for **e**. To enter optional characters, touch and hold a key and then touch the desired option.
 - Optional characters are available for: a, c, d, e, i, m, n, o, s, t, u, and y. You can also touch and hold the period key (.) for additional punctuation choices.

4. After you've finished using the keyboard, touch  to close it.

Turn Caps Lock On

- ▶ Touch and hold or double-tap the Shift key . Touch it again to turn caps lock off.

Enter Numbers and Symbols

There are easy ways to insert numbers, symbols, and punctuations to your text.

1. Open an app that requires text entry.
2. Touch a text field or anywhere where you can type and the keyboard appears automatically.
3. Touch  to switch to the numeric and symbol keyboard. You'll find numbers, common punctuation marks, and symbols on the keyboard.
4. To use more symbols, touch .
5. Some of the symbol keys can bring up even more symbols. Touch and hold a symbol to see more. For example:
 - Touch and hold a symbol key such as the left parenthesis key, and then touch the symbol that you want.



- Touch and hold the period key to bring up some of the common punctuation options, and then touch the one that you want.
- Touch and hold the \$ key to see more options for currency symbols, and then touch another currency symbol.

Move the Cursor

To place the cursor in the middle of the text you've already entered, touch and hold near the text you want to change until a cursor appears, and then drag your finger to move the cursor exactly where you want it.

Enter Words with Predictive Text

The onscreen keyboard has predictive text to help you type quickly and accurately. Predictive text input is enabled by default, and word suggestions are displayed as you type.

To enter a word in predictive mode:

- If you see the word you want highlighted in bold, just touch the space bar to insert the word into your text.
- If you see the word you want shown in the suggestions before you have finished typing the entire word, touch the word to insert it into your text.
- Slide across the suggestion bar to see more words.
- If you mistyped something or chose the wrong word, just touch that word to display the suggestion bar and choose the right word.

Change the Keyboard Language

You can choose between a variety of languages, layouts, and regions for your keyboard. Your phone can provide word suggestions and spelling corrections based on the language you choose.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **keyboard**.
3. Touch **add keyboards**.
4. Select the languages you'd like to be able to use from the onscreen keyboard.

Note: The language key will look different depending on the keyboard.

5. When you're done, touch . The next time you use the keyboard, you'll see the language key  and the new language will be available.
6. While using the onscreen keyboard, touch the language key to switch between the languages you've selected.

Tip: You can also touch and hold the language key to see all of the available keyboard choices.

Keep Things in Sync

It's easy to get your photos, videos, music, documents, and more from your computer to your phone (and vice versa).

- If you have a **Windows 8 PC**: Plug your phone into your computer with the cable, and the Windows Phone app will install automatically.
- If you have a **Windows 7 PC**: Plug your phone into your computer with the cable. A link will appear to install the Windows Phone app.
- If you have a **Mac**[®]: Get the Windows Phone app from the Mac App Store. To learn more about finding the right app, go to windowsphone.com.

Phone Calls

With the Sprint National Network and your phone's calling features, you can enjoy clear phone calls across the country.

Make Phone Calls

The easiest way to place calls from your phone is by using the phone dialer.

1. On the Start screen, touch . (If your screen is locked, press the Power button to turn on the display and then drag the screen up to unlock the screen.)
2. Touch  to open the dialer.
3. Enter the number you want to call, and then touch **call**.

To hang up, touch **end call**.

Note: If you're ready to hang up but the Phone dialer screen isn't displayed anymore, touch the notification at the top of the screen, and then touch **end call**.

Call Emergency Numbers

You can place calls to 911 even if the phone's screen is locked or your account is restricted.

Important: You won't be able to make an emergency call if you don't have a network signal.

1. On the Start screen, touch . (If your screen is locked, press the Power button to turn on the display and then drag the screen up to unlock the screen.)
2. Touch  to open the dialer.
3. Touch **9 1 1** .

Note: If you've enabled but forgotten your lock password or lock pattern, you can still make emergency calls by touching **Emergency call** on the screen.

Enhanced 911 (E911) Information

This phone features an embedded Global Positioning System (GPS) chip necessary for utilizing E911 emergency location services where available.

When you place an emergency 911 call, the GPS feature of your phone seeks information to calculate your approximate location. Depending on several variables, including availability and access to satellite signals, it may take up to 30 seconds or more to determine and report your approximate location.

Important: Always report your location to the 911 operator when placing an emergency call. Some designated emergency call takers, known as Public Safety Answering Points (PSAPs), may not be equipped to receive GPS location information from your phone.

Make International Calls from the U.S.

When placing international calls, International assist automatically adds the international dialing code for your location (for example, 011 for international calls made from the U.S.).

1. On the Start screen, touch . (If your screen is locked, press the Power button to turn on the display and then drag the screen up to unlock the screen.)
2. Touch  to open the dialer.
3. Enter the phone number on the keypad starting with the country code, area code (without the 0 at the beginning), and the phone number.
4. Touch **call**.

Important: International calls may incur additional fees. Call Sprint Worldwide Customer support at **1-888-226-7212** for details.

Receive Phone Calls

When you receive a phone call, the Incoming call screen appears.



Note: If your phone is turned off, all calls automatically go to voicemail.

Answer or Reject an Incoming Call

- If the display is on, touch **answer**, **ignore**, or **text reply**. (If you touch **text reply**, touch a preset message to send it.)
- If the display is off and wakes up when you get a call, slide up from the bottom to unlock the screen first and then touch **answer**, **ignore**, or **text reply**. (If you touch **text reply**, touch a preset message to send it.)

Note: All declined calls go to your voicemail.

Mute the Ringing Sound

To mute the phone without rejecting the call, you can do any of the following:

- Press the Volume button.
- Briefly press the Power button to silence the ringer and turn the display off.
- Place the phone face down on a level surface. (You can do this even when you receive a call while the display is off.)

Note: If your phone is already facing down, it will still ring when there are subsequent incoming calls.

In-call Options

When a call is in progress, use the onscreen buttons to turn the speaker on, put the call on hold, and more.

Turn the Speaker On During a Call

Warning: Because of higher volume levels, do not place the phone near your ear during speakerphone use.

- ▶ On the call screen, touch **speaker**. To turn the speaker off, just touch **speaker** again.

Mute the Microphone During a Call

- ▶ On the call screen, touch **mute**. To turn the microphone back on, touch **mute** again.

Add a Call

- ▶ See [3-Way Calling](#).

Display the Keypad

- ▶ Touch  to show the keypad. This is helpful if you have to enter an extension or a passcode, or when you're calling an automated system.

- To return to the in-call screen, touch .

3-Way Calling

With 3-Way Calling, you can talk to two people at the same time. When using this feature, the normal airtime rates will be charged for each of the two calls.

1. While you're on a call (either incoming or outgoing), touch **add call**.
2. Touch  to dial a number, or select a number from history or contacts, and then touch **call**.
3. Dial a number and touch **call**. (This puts the first caller on hold and dials the second number.)
4. When you're connected to the second party, touch **merge calls**.

If one of the people you called hangs up during your call, you and the remaining caller stay connected. If you initiated the call and are the first to hang up, all callers are disconnected.

To end the three-way call, touch **end call**.

End a Call

There are a couple of options for ending a phone call.

- On the call screen, touch **end call**.
- If you've navigated away from the call screen during the call, touch the notification at the top of the screen to display the call screen again, and then touch **end call**.

Call Services

Your phone provides many useful features and options to help you make the most of your calling experience.

Caller ID

Caller ID identifies a caller before you answer the phone by displaying the number of the incoming call. If you do not want your number displayed when you make a call, follow these steps.

1. On the Start screen, touch . (If your screen is locked, press the Power button to turn on the display and then drag the screen up to unlock the screen.)
2. Touch  to open the dialer.
3. Touch *** 6 7**.

4. Enter a phone number.
5. Touch **call**.

To permanently block your number, call Sprint Customer Service.

Call Waiting

When you're on a call, Call Waiting alerts you to incoming calls by sounding two beeps. Your phone's screen informs you that another call is coming in and displays the caller's phone number or contact name (if it is available).

To respond to an incoming call while you're on a call:

1. Touch **answer**. (This puts the first caller on hold and answers the second call.)
2. To switch back to the first caller, touch the bar at the top of the screen.



3. To end the current call and return to the other call, touch **end call**.

Note: For those calls where you don't want to be interrupted, you can temporarily disable Call Waiting by touching *** 7 0** before placing your call. Call Waiting is automatically reactivated once you end the call.

Call Forwarding

Call Forwarding lets you forward all your incoming calls to another phone number – even when your phone is turned off. You can continue to make calls from your phone when you have activated Call Forwarding.

Note: Depending on your plan, you may be charged a higher rate for calls you have forwarded.

To activate Call Forwarding:

1. On the Start screen, touch . (If your screen is locked, press the Power button to turn on the display and then drag the screen up to unlock the screen.)
2. Touch  to open the dialer.
3. Touch *** 7 2**.
4. Enter the area code and phone number to which you want your calls forwarded.
5. Touch **call**. (You will hear a tone to confirm the activation of Call Forwarding.)

To deactivate Call Forwarding:

1. On the Start screen, touch . (If your screen is locked, press the Power button to turn on the display and then drag the screen up to unlock the screen.)
2. Touch  to open the dialer.
3. Touch *** 7 2 0**.
4. Touch **call**. (You will see a message and hear a tone to confirm the deactivation.)

History

History lists all recent incoming, outgoing, and missed calls. History makes redialing a number fast and easy. It is continually updated as your phone automatically adds new numbers to the beginning of the list.

Note: History records only calls that occur while the phone is turned on. If a call is received while your phone is turned off, it will not be included in History.

Open History

Access History to quickly call someone back or see who you have talked to recently.

1. On the Start screen, touch . To display the History screen.
 - Each entry contains the phone number (if it is available) or the contact name (if the number is in People).
2. Do any of the following:
 - Touch a number or contact name to go to the profile list where you can choose to return the call, send a text message, save the number (if it's not yet stored in your contacts), and more.
 - Touch and hold a number or contact name and touch **delete item** delete it.

Make a Call from History

History makes it easy to return calls quickly.

1. On the Start screen, touch .
2. Touch the entry you want to call.
3. Touch **call number** to call an unassigned number, or touch the number type you want to call for a number in your contacts (for example, **call mobile** or **call home**).

Tip: To quickly call the number in the history listing, touch  next to the entry in the history list.

Save a Number from History

If the phone number of a person who called is not in People, you can choose to save the number from History.

1. On the Start screen, touch .
2. Touch the phone number that you want to save and then touch .
3. Touch  to create a new contact.
4. If you've set up online accounts on your phone, select the account where you'd like the contact created and synced with.
5. Edit the number if you need to, select the phone number type, and then touch .
6. Add the contact name and other information. Touch  after every information type, and then touch  when you're done to save the entry.

Note: You can also save a phone number from the call history to an existing contact.

Clear History

If the history list becomes long, you can delete an entry or the entire history list.

1. On the Start screen, touch .
2. Do either of the following:
 - To delete a history entry, touch and hold the number or name, and then touch **delete item**.
 - To clear the entire history list, touch  > **delete all**.

Visual Voicemail

Visual Voicemail gives you a quick and easy way to access your voicemail. Now you can find exactly the message you are looking for without having to listen to every voicemail message first. This new feature periodically goes out to your voicemail, and gathers the caller information from all of the current voicemails. It then populates a list with the caller name, number, time, and length of the voicemail message.

Note: Visual Voicemail is a subscribed service. To set up your traditional voicemail box, see [Set Up Voicemail](#).

Set Up Visual Voicemail

Your phone automatically transfers all unanswered calls to your voicemail, even if your phone is in use or turned off. You should set up your Sprint voicemail and personal greeting as soon as your phone is activated.

1. On the Start screen, slide to the left, and touch **Visual Voicemail**. (Or touch the **Visual Voicemail** tile on the Start screen, when available).
2. Touch **⋮** > **settings** > **personalize voicemail**.
3. On the Personalize voicemail screen, touch **ok**.
4. Make sure that your phone number is correct, and then touch **call**. Your phone then calls your voicemail.
5. Listen to the voice prompts and use the dialpad to:
 - Create a passcode (touch **4**).
 - Record your personal greeting (touch **3**).

Important: **Voicemail Password** – Sprint strongly recommends that you create a password when setting up your voicemail to help protect against unauthorized access. Without a password, anyone who has access to your phone is able to access your voicemail messages.

6. Once you have completed the setup process, return to the voicemail page (see step 1).
7. Touch the **Welcome to Voicemail** message on the screen to play a brief explanation of the voicemail services.

Review Visual Voicemail

Visual Voicemail lets you easily access and select which messages you want to review.

1. On the Start screen, slide to the left, and touch **Visual Voicemail**. (Or touch the **Visual Voicemail** tile on the Start screen, when available).
2. Touch a message.
3. While reviewing a voicemail message, you can:
 - Touch **▶** to play or **⏸** to pause the voicemail.
 - Touch and drag the timeline to scrub through the message to different points.
 - Touch **☎** to call the person who left the voicemail message.

- Touch  to reply to the message. You can choose to reply via a text or audio message.
- Touch  or  to turn the speakerphone on or off during playback.
- Touch  to put the current voicemail message to trash. You can retrieve trashed voicemail messages.

4. To learn more about Visual Voicemail, touch **☰ > help**.

Voicemail

Your phone and Sprint service always offer traditional voicemail service accessed through the Phone application.

Set Up Voicemail

Your phone automatically transfers all unanswered calls to your voicemail, even if your phone is in use or turned off. You should set up your Sprint Voicemail and personal greeting as soon as your phone is activated. Always use a password to help protect against unauthorized access.

1. On the Start screen, touch .
2. Touch .

Note: You can also touch and hold **1** on the Phone dialer to access your voicemail messages.

3. Follow the system prompts to:
 - Create your password.
 - Record your name announcement.
 - Record your greeting.

Important: **Voicemail Password** – Sprint strongly recommends that you create a password when setting up your voicemail to help protect against unauthorized access. Without a password, anyone who has access to your phone is able to access your voicemail messages.

Retrieve Your Voicemail Messages

You can review your messages directly from your wireless phone or from any other touch-tone phone.

Use Voicemail to Access Your Messages

1. On the Start screen, touch .

2. Touch .
3. Follow the voice prompts to listen to and manage your voicemail messages.

Use Another Phone to Access Your Messages

1. Dial your wireless phone number.
2. When your voicemail answers, press the asterisk key (*) on the phone.
3. Enter your password.

Tip: When you call voicemail from another phone, you first hear the header information (date, time, and sender information) for the message. To skip directly to the message, touch the number 4 key during the header.

Note: Depending on your plan, you may be charged for airtime minutes when you are accessing your voicemail from your phone.

Airplane Mode

In many countries, you are required by law to turn off wireless devices while on board an aircraft. A quick way to turn off wireless functions is to switch your phone to airplane mode.

When you enable airplane mode, all wireless radios are turned off, including the call function, data services, Bluetooth, and Wi-Fi®. When you disable airplane mode, the call function is turned back on and the previous states of Bluetooth and Wi-Fi are restored.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **airplane mode**.
3. Touch the **Status** switch to turn it on or off.

When airplane mode is on, you'll see the icon  in the status bar.

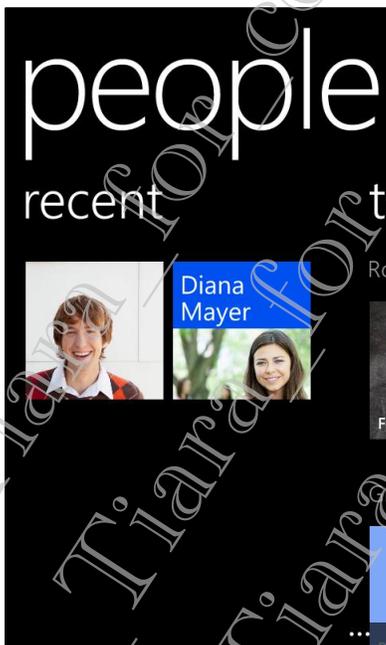
People

The People hub is more than just your address book. It's also where you can keep up with your social networks and stay in touch with the people you care about most.

The People Hub

The People hub lists all contacts stored on your phone and from the online accounts you're logged in to. You can also see your contacts' latest updates on their social networking accounts.

1. On the Start screen, touch the **People** tile.



2. Slide left and right across the screen to access your contacts list and see what's happening with your contacts.
 - **all:** Your contacts list. Just touch a contact to call, text, chat, or view that person's updates and pictures. Touch a group to send a group message and see updates and pictures from the group members.
 - **what's new:** Here's where you can check out your contacts' latest updates, all neatly pulled together from your various social network accounts.
 - **recent:** Here you'll see and get quick access to the contacts you've viewed or communicated with most recently.

- **together:** Here's where you can create private Rooms to chat and share photos, videos, calendars, and more. You can also create Groups to make it easier to follow your friends' status updates, send group text messages, and more.

Jump to a Section in the People List

You can quickly display contact names beginning with the same letter.

1. On the Start screen, touch the **People** tile.
2. In the **all** contacts list, touch a letter tile to display all the alphabet tiles.
3. Touch a letter to quickly jump to the section that has contact names beginning with that letter.

Filter Your People List

When your contacts list gets long, you can choose which contact accounts to show.

1. On the Start screen, touch the **People** tile.
2. Touch **⋮** > **settings**.
3. Touch filter my contact list.
4. Select the accounts from which you want to show contacts, and then touch .

Find People

If your contacts list is especially long, search is probably the quickest way to find a contact.

1. On the Start screen, touch the **People** tile.
2. In the **all** contacts list, touch .
3. In the search bar, enter the first few letters of the first or last name of the contact you're looking for. Matching contacts are then displayed.
4. Touch the contact to view the person's contact information.

Add a New Contact

You can add new contacts to the People app or add existing ones from your social network or Exchange ActiveSync accounts.

Add a New People Entry

Start adding your contacts on your phone. If you've set up an email or social network account on your phone, you can sync your new contacts with that account.

1. On the Start screen, touch the **People** tile.

2. In the all contacts list, touch .
3. If you have more than one account set up on your phone, touch the account you want to create the contact in.
4. Touch each item (such as name, phone, email) and then enter the information. After entering information for each item, make sure to touch  to save it.
5. Touch **add photo** to assign a picture or use the camera to take a picture of your contact.
6. When you're done, touch  to save the new contact.

Tip: ICE - In Case of Emergency

To make it easier for emergency personnel to identify important contacts, you can list your local emergency contacts under “ICE” in your phone’s People list. For example, if your mother is your primary emergency contact, list her as “ICE-Mom” in your Contacts. To list more than one emergency contact, use “ICE1-___,” “ICE2-___,” etc.

Manage Your People List

Edit your contacts to keep their information up-to-date and delete those entries you don't need.

Edit a People Entry

You can add another phone number, email address, or assign a photo to a contact.

Note: Contacts from Facebook®, Twitter™, or LinkedIn® cannot be edited. But you can add information, and then save it to a different account (such as your Microsoft account).

1. On the Start screen, touch the **People** tile.
2. In the **all** contacts list, touch the contact whose information you want to change.
3. Touch .
4. If this is a linked contact (someone with multiple accounts that show up as one entry in your contacts list), touch the account you want to edit (for example, touch **edit Microsoft account**).
5. Edit or add new information for the contact. After entering new information for an item, remember to touch  to apply the changes.
6. When you're done, touch  or .

Delete an Entry

Follow these steps to delete an entry in your contacts list.

Note: While you can't delete a Facebook, Twitter, or LinkedIn contact on your phone, you can delete contacts from other services. When you do this, the contact will be deleted both from your phone and from the online service where it's stored.

1. On the Start screen, touch the **People** tile.
2. In the **all** contacts list, touch the contact you want to delete.
3. Touch **⋮** > **delete**.
4. If the contact is a linked contact (someone with multiple accounts), choose which account to remove the contact from.

Tip: You can also touch and hold a contact and then touch **delete**.

Merge People Profiles

In People, you might have two or more versions of the same contact. This is usually because you have the contact's profile on different social network or email accounts. In most cases, your phone will combine contact profiles automatically. For those that are not combined, you can link them manually.

1. On the Start screen, touch the **People** tile.
2. Touch a contact that has one or more duplicate entries in the **all** contacts list.
3. Touch .
4. Do any of the following:
 - Under **suggested links** (if available), touch the one that you want to link to the contact.
 - Touch **choose a contact**, and then touch one that's a duplicate entry.

Unlink People Profiles

Do the following to unlink the contact profile that you've previously merged.

1. On the Start screen, touch the **People** tile.
2. In the **all** contacts list, touch the contact that has linked profiles.
3. Touch the link icon that shows the number of links .
4. Under linked profiles, touch the one that you want to unlink.
5. Touch **unlink**.

Contact Groups

Groups help you to filter your social networks. Groups also make it easier to send out the same email and text message to more than one contact. When you create a group, it shows up on the together screen.

Touch a group and you'll see the group members and their social networking updates, along with options for group email, texting, and chat. Your phone also syncs with groups you've created in your Google Account.

Create a Group

Create a group for your sporting buddies or family members so you can easily send them a message or email.

1. On the Start screen, touch the **People** tile.
2. On the **together** screen, touch  > **Group**.
3. Enter a group name and then touch .
4. Touch  and then choose a contact you want to add to the group. Repeat this to add more contacts to the group.
5. When your group is complete, touch .

Tip: Touch and hold a group tile in the **together** screen to pin it to the Start screen.

Send a Message or Email to a Group

Easily send a message or email to all members of the group.

Note: You will be charged for each text message sent. For example, if you send a message to a group of five people, you will be charged for five messages.

1. On the Start screen, touch the **People** tile.
2. On the **together** screen, touch the group you want to send a message or email to.
3. Touch **text** or **send email**.
4. Follow the prompts to complete and send the group message or group mail. For details, see [Send a Text Message \(SMS\)](#) or [Start a Chat](#) or [Send an Email Message](#).

Rearrange Group Tiles

You can view group members alphabetically or arrange the group member tiles any way you like.

1. On the Start screen, touch the **People** tile.

2. On the **together** screen, touch the group you want to change.
3. Touch and hold a contact until the tile floats.
4. Drag the tile to a new location.
5. When you're done, touch .

Edit a Contact Group

You have full control of your groups. Change the group name or add and remove group members from the People app.

1. On the Start screen, touch the **People** tile.
2. On the **together** screen, touch the group you want to edit.
3. Do any of the following:
 - Touch  >  to add more members to the group.
 - Touch  to pin the group to the Start screen.
 - Touch  > **rename** to change the group name.
 - Touch , select the contact you want to remove, and then touch **remove from group**.
 - Touch  > **delete** to delete the group.

Change a Group Member's Contact Preference

If a contact has more than one email address or phone number, you can select the email address or phone number to use when sending a group email or text message.

Note: If you want to change the email address or phone number preference of contacts that are linked to your email or social networking account, you may do so by directly editing the contact information. For details, see [Edit a People Entry](#).

1. On the Start screen, touch the **People** tile.
2. On the **together** screen, touch the group with the member whose contact preference you want to change.
3. Touch  and then touch the contact.
4. Touch the **Phone number** box or **Email address** box to change the information.
5. When you're done, touch .

6. Touch  to return to the group screen.

Real-time Sharing with Rooms

Rooms are places where you can have a group chat and share photos, videos, calendars, and more.

Create a New Room

Create a room to start sharing photos, videos, and more on your own private space.

Important: Only contacts with Windows Phone 8 can participate in a room. When you create a room, you are the owner of the room. All other room members are guests.

1. On the Start screen, touch the **People** tile.
2. On the **together** screen, touch  > **Room**.
3. Enter a name for the room and touch .
4. Touch  and then choose a contact to invite to the room. Repeat this to invite more contacts to the room.

Note: Invites to the room are sent by text message.

5. When you're done, touch .

Invite Contacts to a Room

After creating your own room, start inviting people to your room.

Note: You can't invite people unless you are the owner of the room.

1. On the Start screen, touch the **People** tile.
2. On the **together** screen, touch the room you want to invite contacts to.
3. Touch  > .
4. Touch the contact you want to invite.
5. To invite another contact, touch .
6. When you're done, touch .

The person you invited will receive a text message with a link to join your room.

Rearrange the Room Tiles

You can rearrange the room member tiles any way you like.

1. On the Start screen, touch the **People** tile.
2. On the **together** screen, touch the room you want to change.
3. Touch and hold a contact until the tile floats.
4. Drag the tile to a new location.
5. When you're done, touch .

Manage a Room

You have full control of rooms you created. You can rename or delete a room, or add and remove guests from it.

Note: You can only manage a room you created.

1. On the Start screen, touch the **People** tile.
2. On the **together** screen, touch the room you want to manage.
3. Touch **•••**, and then choose if you want to rename the room, add or remove guests, or delete the room.

Leave a Room

If you accepted an invitation to join a room, you can leave the room when you want to.

Important: You can't leave a room if you are the owner.

1. On the Start screen, touch the People tile.
2. On the **together** screen, touch the room you want to leave.
3. Touch **•••** > **leave room** > **leave**.

Set Up Your Profile (Me Tile)

The **Me** tile is a shortcut to your profile. You can access your profile either from the Start screen or from the People hub. It's your one-stop shop for social networking.

- ▶ Do any of the following to access your profile:
 - Touch the **Me** tile on the Start screen

- Touch the People tile on the Start screen, and then touch your profile picture.



Here are some things you can do:

- Post a new message on your social networks.
- Check in to a location.
- See and comment on social network posts.
- Like social network posts.
- Reply to or retweet updates on Twitter.
- Update your profile picture on Facebook.
- Update your profile picture on your Microsoft account.
- Set your chat status. Let other people see when you're available on instant messaging.

Post to Social Networks

You can post messages to your social networks and comment or like other people's posts. You can also check in to share your location with friends.

Note: Go to **Settings > email+accounts** to check what types of social network accounts can be set up on your phone.

Post a Message

1. On the Start screen, touch the **Me** tile.

2. Touch **post an update** and then type your message.
3. If you have more than one social network account, touch the **Post to** text box, choose which accounts to post to, and then touch .
4. Touch .

Comment on a Post

1. On the Start screen, touch the **People** tile.
2. Slide left or right to go to **what's new** so you can see recent posts from your contacts.
3. When you see a post you want to comment on or like, touch .
4. Touch the box that says **add a comment**, type your comment, and then touch .
5. To like a post, touch  (or touch  to unlike).

Check In

When you check in to a place, you share your location with your contacts by posting it on one or more of your social networks. You can find nearby locations, or you can add one yourself.

1. On the Start screen, touch the **Me** tile.
2. Touch **check in**.

Note: The first time you checked in on a place, you are asked whether you will allow the phone to access and use your location. Touch **allow** to proceed.

3. Do one of the following:
 - Touch a place in the list to check in from there.
 - If you don't see your location listed, touch  to make the app find your location. Type the name of the place where you're at, and then touch .
 - To search for a nearby place, touch , type the name of the place, and then touch .
4. Once you've found the place you want to check in from, touch the **Post to** box to choose the account you want to use to check in.
5. Touch the **Share on Facebook with** box to set your Facebook privacy level.
6. Touch  to check in.

Filter Social Updates

When the **what's new** screen is flooded with updates, you can view posts from one social network at a time. Or you can hide the updates from one or more of your social networks.

- ▶ Do any of the following:
 - In People, slide left or right to go to **what's new**. Touch **all accounts**, and then touch the account you want to view posts from.
 - In People, touch **•••** > **settings**, and then select **Hide posts from the contacts I've filtered**. Posts from the social networks you've filtered out of your contacts list will no longer be visible.

Tip: You can also create a group to only see updates from contacts in that group.

Accounts and Messaging

With Sprint service and your phone's messaging capabilities, you have the opportunity to share information through many different channels and accounts.

Email

Send and receive email from your Microsoft account, Web-based email service or email provider, using POP3 or IMAP. You can also access your Exchange ActiveSync email and other features on your phone. The Email app allows you to stay connected 24 hours a day anywhere on the Nationwide Sprint Network.

Add Your Microsoft Account

When you first set up your phone, you're asked to sign in with your Microsoft account. If you didn't sign in then or if you have more than one Microsoft account, go to the settings to set up your primary Microsoft account or additional accounts.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **email+accounts**.
3. Touch **add an account** > **Microsoft account**.
4. Enter your Microsoft account and password, and then touch **sign in**.

Your Microsoft account email, contacts, calendar, photos, and feeds will be synced to your phone.

Note: The first Microsoft account that you set up can't be deleted from your phone.

If you set up additional Microsoft accounts, photos from these accounts won't be synced to your phone.

Add an Email Account

Set up email accounts such as an account from a Web-based email service or email provider.

Important: If you're adding a POP3/IMAP email account, ask your network administrator or email service provider for additional email settings that you may need.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **email+accounts**.
3. Touch **add an account**.

4. Choose the type of email account that you want. If you don't see it in the account list, touch **other account**.
5. Enter your email address and password, and then touch **sign in**.

Your phone then looks for your account settings, completes the setup, and syncs information from your account.

If what you've set up is your Google® Account, your phone will sync and download your Gmail™ as well as your Google contacts and calendar from your account.

If you've set up other POP3 or IMAP accounts, your phone will sync email from those accounts.

Note: If your phone can't find your account settings, go to **advanced setup** to enter the incoming and outgoing server and other settings manually. You'll need to get this information from your email service provider.

Add a Microsoft Exchange ActiveSync Account

Enjoy the powerful email features of Microsoft Exchange ActiveSync right on your phone.

Important: Contact your company's Exchange Server administrator for your email settings and additional information before setting up your Exchange account.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **email+accounts**.
3. Touch **add an account** > **advanced setup**.
4. Enter your email address and password, and then touch **next**.
5. Touch **Exchange ActiveSync**.
6. Enter the domain name, server name, and other additional email settings that you've gotten from your company's Exchange Server administrator.
7. Touch **sign in** to sign in to your Exchange ActiveSync email.

Check Your Mail Inbox

After you've set up your email accounts, a new tile for each account will be added to the Start screen.

1. To open an email account, touch its tile on the Start screen.

Tip: If you don't see the tile, slide left from the Start screen, and then touch your email account in the apps list.

2. In the all email list, scroll up or down to skim through your email messages. Email messages are neatly grouped into conversations. If there were back and forth replies to an email, touching that email expands and shows its series of messages.
3. Touch an email message to open and read it.

Tip: If you have a long email list, you can also slide left or right to skim through unread, flagged, or urgent email only.

Link Your Email Inboxes

To check your email from all your accounts just in one place without having to switch to different accounts, you can link your inboxes as one.

1. Open an email account.
2. Touch **•••** > **link inboxes**.
3. Under **other inboxes**, touch one or more email accounts that you want to combine to your unified inbox. The default name for your unified inbox is **Linked inbox**.

Tip: Touch **rename linked inbox** if you want to change the name of your unified inbox. Enter a new name and touch  to save.

4. Touch  to return to your inbox. You'll now see just one inbox containing all your email from your different accounts.

Next time you want to check your email, touch  on the Start screen or in the apps list.

Unlink an Inbox

1. Open an email account.
2. Touch **•••** > **linked inboxes**.
3. Under **this inbox**, touch the email account you want to remove from the unified inbox.
4. Touch **unlink**.

Send an Email Message

Send an email message to your contacts using an email account in Mail.

1. Open the email account that you want to use for sending your email.
2. Touch .
3. Fill in one or more recipients. In the **To** field, you can:
 - Touch  to choose a contact. Touch it again to add more.

- Start typing a person's name or email address. If there are matches found from your stored contacts as you type, they will be listed. Touch the one that you want.
4. Enter the subject and compose your message.
 5. To attach a picture, touch .
 6. When you're ready to send your email, touch .

Tip: When entering several email addresses manually, separate them with a semicolon.

To send a carbon copy (cc) or blind carbon copy (bcc), touch **•••** > **show cc & bcc** and add other recipients.

Set the Priority for an Email Message

You can set the priority for an email message before sending it.

1. While composing the email, touch **•••** > **priority**.
2. Select the priority for the message.

Save or Discard the Email

1. While composing the email, touch .
2. Choose whether to save your email as a draft or delete it.

Resume a Draft Email Message

1. Open an email account.
2. In the email list, touch **•••** > **folders** > **drafts**.
3. Touch the draft email to edit it.
4. When you're ready to send your email, touch .

Manage Email Messages

The Email app provides easy ways to delete, move, flag, or mark multiple or individual email messages.

Manage Multiple Messages

1. Open an email account.
2. Touch .

3. To quickly select all email messages in a conversation, select the top one (the one that shows the subject and number of messages). Or to select individual email messages, touch their respective check boxes.
4. Choose what you want to do with the selected messages.
 - Touch  to delete.
 - Touch  to move them to another mail folder.
 - Touch **•••** and choose whether to flag or mark the messages as read or unread.

Tip: You can also just touch on the far left of an email to select the email first. Check boxes will then appear and you can select more email messages.

Manage Individual Messages

1. Open an email account.
2. Touch and hold a conversation or a single message.
3. On the options menu, choose what you want to do with the whole conversation or the single message.

Switch to Another Email Folder

1. Open an email account.
2. Touch **•••** > **folders**.
3. Touch **show all folders** to see all the available mail folders.
4. Touch the mail folder you want to view.

Change the Email Account Settings

Change your email account settings such as the email account name and password, signature, sync schedule, and more.

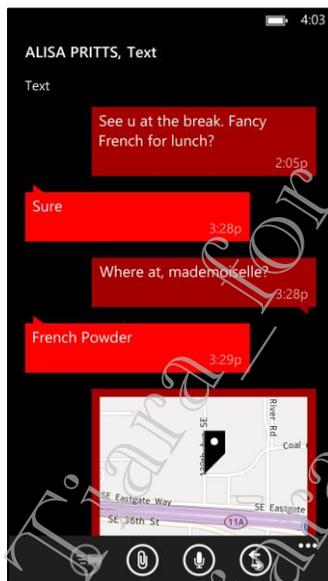
1. On the Start screen, touch the email account that you want.
2. Touch **•••** > **settings**, and change the following settings:
 - Touch **sync settings** to choose how often to download items or change the items that you want to sync.
 - Turn on **Conversations** and choose whether you want to show replies and email from all your synced folders.
 - Choose if you want a signature to appear in your sent email.

- Choose if you want to always bcc yourself of all outgoing email messages.
- Choose if you want to use a light background for email.

3. Touch .

Messaging

With the Messaging app, you can both text and chat in one place. Whether your friends and family are on their mobile phone or at their computer, you can send them text or instant messages. You can also start a Facebook chat.



Note: To chat on the Messaging app, you need to set up your Microsoft or Facebook account first. Also, make sure to turn on Facebook chat in the Messaging app's settings.

Send a Text Message (SMS) or Start a Chat

Quickly compose and send text messages or start a chat on your phone.

1. On the Start screen, touch .

Note: If you want to send an instant message, set your chat status first, if you haven't done so. For details, see [Set Your Chat Status](#).

2. Touch .

3. Touch  at the end of the **To** field and choose a contact.

4. Choose how you want to send the message. For example, touch the contact's mobile phone number to send your message as text (SMS), or touch **Facebook** to send the message and start a Facebook chat.

5. If you're sending a text message, you can add more recipients by touching  at the end of the **To** field and choosing another contact. Their names will be added automatically in the **To** field.
6. Touch the message callout, and then enter your text or chat message.
7. Touch  to send it.

When adding recipients, you can also:

- Touch , and then select a contact group. The **Group text** option in the app's settings is turned on by default and can help keep replies in one thread when you're texting with a group of people. When it's turned on, replies are sent as multimedia messages instead of text messages.
- Begin typing a person's name in the **To** box, and then touch a matching contact name.
- Enter a mobile phone number or email address in the **To** box. To enter additional recipients, touch  on the keyboard after each one.

Set Your Chat Status

Set your chat status to tell your friends when you're free to chat.

1. On the Start screen, touch .
2. Touch , and then touch a status.
3. For example, touch **available** to sign in so that your family and friends will see you online.

Tip: You can also set your chat status by touching the **Me** tile on the Start screen.

After you set your chat status and sign in, you'll see who's online in the Messaging app. Touch a contact to send the person an instant message and start a chat.

Share Pictures, Videos, and More in a Message

You can send a multimedia message by attaching a picture, a video, and more to a text message. You can also add attachments to an instant message or send a picture to a Facebook contact.

1. On the Start screen, touch .
2. Touch  to create a new message.
3. In the **To** box, fill in the recipient's name, mobile phone number, or email address.
4. Touch  to attach any of the following:

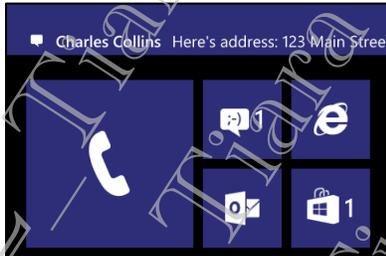
- **Picture:** Touch **picture**, and then choose an existing photo or touch  to take a photo and attach it. The picture is automatically resized when you attach it to a text message.
- **Video:** Touch **video**, and then choose an existing video.
- **Location information:** Touch **my location**.
- **Voice note** Touch **voice note**, and then start speaking. Touch **done** when you're finished recording.
- **Contact information** Touch **contact**, and touch a contact to share. Touch  to add the contact to your message.

Note: To remove an attachment, touch and hold the attachment and touch **remove**.

5. Enter your message using the onscreen keyboard or touch  to use voice recognition.
6. Touch  to send.

Read and Reply to a Message

When you receive a new message, you'll hear a notification sound (if set) and see the message briefly display at the top of the screen.



1. To open and read the message, you can:
 - Touch the notification at the top of the screen.
 - Open the Messaging app to access and read the message.
2. Enter your reply, and then touch .

Tip: If the contact has more than one phone number or email address, you can touch  to choose another one.

Messaging FAQ

Why can't I reply to my friend using Facebook or Messenger on the same thread?

If you're friends with someone on Facebook or Messenger, you may have several different contact profiles for the same person. Their phone number, Facebook, and Messenger info may be stored as different contacts on your phone. In this case, you need to link these contacts manually.

Open the People app and link them. For details, see [Merge People Profiles](#).

Copy and Paste a Message

You can copy a previous message and paste it into the new message you're composing.

1. On the Start screen, touch .
2. In the threads list, touch a contact (or phone number) to display the exchange of messages with that contact.
3. Touch and hold the message you want to copy, and then touch **copy**.
4. Touch the text box where you're composing your new message.
5. To paste the copied message, touch .

Manage Messages and Conversations

You can forward a message or delete messages when your message list gets cluttered.

Forward a Message

1. On the Start screen, touch .
2. In the threads list, touch a contact (or phone number) to display the exchange of messages with that contact.
3. Touch and hold the message you want to forward, and then touch **forward**.
4. Fill in the recipient.
5. Touch  to send.

Delete a Message

1. On the Start screen, touch .
2. In the threads list, touch a contact (or phone number) to display the exchange of messages with that contact.
3. Touch and hold the message you want to delete, and then touch **delete**.
4. Touch **delete** again to confirm.

Delete the Entire Conversation

1. On the Start screen, touch .
2. In the threads list, touch and hold a contact (or phone number) whose messages you want to delete, and then touch **delete**.
3. Touch **delete** again to confirm.

Social Networking Accounts

Add your social network accounts to your phone and enjoy connecting with your social network buddies, view their online photo albums, and status updates.

Add Your Social Network Account

Link your favorite social networking accounts to your phone.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **email+accounts**.
3. Touch **add an account**, and then touch **Facebook**, **Twitter**, or **LinkedIn**.
4. If prompted, touch **connect** to allow your social networking account to link with your Microsoft account.
5. Enter the Email address and password and touch **sign in**, **Authorize App**, or **Ok, I'll allow it**.

Your social network account contacts, calendar, photos, or feeds will be synced to your phone.

Apps and Entertainment

You can access all your phone's features through the apps list.

Note: Available applications and services are subject to change at any time.

Windows Phone Store

Windows Phone Store gives you a central location to find, purchase, and download new applications, games, and music for your HTC 8XT.

Install an App from Windows Phone Store

In Windows Phone Store, it's easy to download and purchase apps that fit your needs. A wide collection of free and paid apps is available, from everyday apps, powerful business apps, to fun games. You can also purchase songs.

1. On the Start screen, touch .
2. Touch a category or slide your finger left or right across the screen to browse available content.
 - **HTC Apps:** View free exclusive applications offered by HTC for your phone.
 - **apps:** Browse all apps available through the store by category, top sellers, new, and featured.
 - **games:** Browse available games sorted by xbox live, top, new, free, and categories.
 - **music:** Access music available through the Xbox Music Store.
 - **podcasts:** Browse or search available podcasts and subscriptions.

When you find an item you want, touch it to see its details.

- To sample an app, touch **try**.
- To buy an item, touch **buy** and confirm your payment method (you'll need a credit card - see [Set Up a Payment Method for Windows Phone Store](#)).
- To install a free item, touch **install**.

Set Up a Payment Method for Windows Phone Store

To purchase paid apps, you will need to have a payment method associated with your Microsoft account.

1. Select a paid app from the Windows Phone Store and touch **buy**. (See [Install an App from Windows Phone Store](#) for details.)

2. When you see the Confirm Purchase screen, you will be prompted to add a payment method. Touch **Add or switch payment methods**.
3. On the Choose a Payment Method screen, touch **+**.
4. Select a payment option (**credit or debit**, **Microsoft gift card**, or **PayPal**), enter the required information, and touch **next**.
5. Touch the payment method on the Ready to Pay screen, and then touch **buy** to confirm your purchase.

Note: Your payment method will be saved in your Wallet for future purchases. You won't have to enter it again.

Tip: You can add and manage your payment methods in the Wallet app. For details, see [Wallet](#).

Uninstall an App

If you're running out of phone storage, free up some space by removing apps you no longer use. Uninstalling an app also removes any information the app contained.

Note: Remove apps with care. Most preinstalled apps cannot be uninstalled.

1. On the Start screen, slide to the left.
2. Touch and hold an app, and then touch **uninstall**.

Wallet

Wallet is the app where you add and manage payment cards for purchases you make on Windows Phone Store or at your local stores using NFC (if available). Wallet also features deals near your location to help you save money.

For details about NFC, see [Share Content with NFC](#).

Open Wallet

1. On the Start screen, slide to the left.
2. Touch **Wallet**.
3. Slide your finger left or right across the screen to browse available options.
 - **fast cards:** Set up your NFC cards so you can pay using your phone on NFC payment terminals (depends on availability).
 - **all:** Add and manage your credit or debit card, Microsoft gift cards, PayPal, and other payment cards.

- **deals:** Check out local deals near your location.

Add a Payment Card - Credit or Debit

1. On the Start screen, slide to the left.
2. Touch **Wallet**.
3. Slide your finger to the **all** screen, and then touch **+**.
4. Select **credit or debit**.
5. On the New Card screen, select the **Set up card for app and music purchases** option if you will use the payment card to buy from Windows Phone Store, and then touch **Next**.

Important: If you designate the payment card to purchase apps and music and decide to delete it later, you'll have to delete it on your Microsoft account online.

6. Enter the payment card details, and touch **next**.
7. The phone searches for related apps for the payment card you've added. If none is found, touch **next** to display the payment card details.
8. Touch twice to return to the all screen. Your added payment card should display.

Add a Payment Card - Microsoft Gift Card, PayPal, and Others

1. On the Start screen, slide to the left.
2. Touch **Wallet**.
3. Slide your finger to the **all** screen, and then touch **+**.
4. Touch any of the following:
 - **Microsoft gift card:** Enter the Microsoft gift card and then touch **next**.
 - **Paypal:** Touch **next** and you'll be redirected to the PayPal site where you can log in and authenticate your account.
 - **other:** Touch the payment card from the list. If you don't see the payment card, touch **Add your card manually** and enter the card details. Make sure you touch **☑** to save the card to your wallet.

Edit a Payment Card

Edit a payment card if you've changed your account information.

1. On the Start screen, slide to the left.

2. Touch **Wallet**.
3. Slide your finger to the **all** screen, and then touch the payment card you want to edit.
4. Touch .
5. On the Edit Card screen, touch the account information you want to edit, make your changes, and then touch .
6. When you're done editing the payment card, touch .

Secure Wallet with a PIN

To help protect Wallet from unauthorized use or account alteration, you can secure it with a PIN.

1. On the Start screen, slide to the left.
2. Touch **Wallet**.
3. Touch **••• > settings+pin**.
4. Touch the **Wallet PIN** On/Off switch to turn it on.
5. Enter and confirm your PIN, and then touch **done**.
6. On the Wallet settings screen, you can:
 - Choose the **Use Wallet PIN to protect your music, app, and in-app purchases** option to help protect you with your online purchases.
 - Touch **change pin** to change the Wallet PIN. You'll be prompted to enter your current PIN before you can change it.
 - Touch the **Wallet PIN** On/Off switch to disable the PIN.
7. Touch  to save your changes.

Delete a Payment Card

Delete a payment card if you no longer use it to pay for your purchases.

1. On the Start screen, slide to the left.
2. Touch **Wallet**, and slide your finger to the **all** screen.
3. Touch and hold the payment card you want to delete, and then touch **delete**.
4. Follow screen instructions to delete the payment card.

Important: For a payment card you've designated to use for purchasing apps and games, you'll need to delete it from your Microsoft account online. The **Additional action required** dialog appears when you try to delete this type of payment card. Touch **Learn how to remove this card** and follow the instructions to delete the payment card.

Xbox LIVE in the Games Hub

Gaming on your phone is a truly social experience. With Xbox LIVE, Microsoft's gaming service, play games with your friends and use your avatar and gamer profile to keep track of game scores and achievements online through the Games hub.

1. On the Start screen, touch .
2. Slide left or right across the screen and check what games are available.
 - **collection:** View all Xbox LIVE and other games that you have on your phone in one place. Just tap a game to start playing. You can also download more games from Store.
 - **xbox:** Sign in to your Xbox LIVE account from here. You'll then be able to check or edit your profile, see your game achievements, and even personalize your avatar.
 - **spotlight:** Read up on Xbox LIVE game news, tips, and trends from the Xbox LIVE team.

From the Games hub, you can also connect to and extend your gaming experience to your computer and your Xbox console.

Download and Install Xbox LIVE Extras

Customize your avatar on the go with Xbox LIVE Extras. You can download this app for free.

1. On the Games hub, slide left or right to go to **xbox**.
2. Touch your name. Your phone then searches Store for the Xbox LIVE Extras app.
3. Follow the onscreen instructions to download and install the app.
4. Touch **create avatar** (or **avatar**) and start customizing your avatar.

Maps and Location

Your phone offers a number of location-based programs to help you figure out where you are and get you where you're going.

Turn On Location Services

You can choose to turn on location services to allow apps to use your location information and provide you with a richer experience. For example, your GPS location can be stored on the photos that you take with the Camera app. You can also use Maps to display your location.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **location**.
3. Touch the **Location services** On/Off switch.

Apps for which you enable location services can now access your current location.

Maps

Maps can show you where you are, find the address or place you're looking for, and give you directions to reach your destination. It can also show you nearby stores or restaurants you might be interested in and what other people are saying about them.

Note: You need to connect to the Internet to use Maps.

Move Around the Map

When you open Maps, you can easily find your location or check out nearby places by panning and zooming in and out on the map.

1. On the Start screen, slide to the left.
2. Touch **Maps**.
3. Do any of the following:
 - Drag your finger in any direction to view other areas of the map.
 - To zoom in, spread your thumb and forefinger apart on the map. To zoom out, pinch your fingers together.
 - Double-tap the map to automatically center and zoom in on a spot. Double-tap again to get even closer.

Find Your Location

Before you can find your location and see it on the map, you need to turn on location services in the settings first (if you declined when the Maps app asked to access and use your location).

1. On the Start screen, slide to the left.
2. Touch **Maps**. The app tries to find your location and displays it on the map.

3. If the displayed location on the map isn't quite accurate, touch  to find your location again.

Find an Address or Place

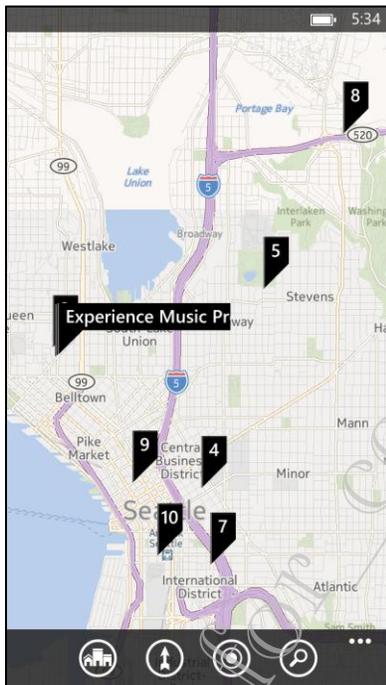
In Maps, you can search for a location, an address, or a business establishment.

1. On the Start screen, slide to the left.
2. Touch **Maps**.
3. Touch .
4. In the search box, enter any of the following:
 - An address
 - A zip or postal code
 - A city
 - A business name or type
 - An intersection
 - A point of interest
5. Touch  on the onscreen keyboard.
6. To get more info about the place, touch the pushpin  on the map.

Note: You will see several pushpins on the map if there are several results found.

What are Pushpins?

Pushpins are handy for remembering places you want to visit, getting directions, or sharing location info. They're automatically shown on the map when you search for places. You can also manually add a pushpin.



When you tap a pushpin **1** for a store, restaurant, or other point of interest, the **about** screen opens and displays additional info, such as the street address, directions, phone number, hours, Web address, and customer reviews. You can choose what to do with the location info, such as pin to your Start screen, add to your favorites, or share it.

To add a pushpin to the map:

- ▶ While viewing your map, touch and hold on the spot where you'd like to add a pushpin.

To view pushpins as a list:

If several pushpins are shown on the map after you've done a search, you can display them as a list to see the search results in detail.

- ▶ While viewing your map, touch **⋮** > **search results**.

Share an Address

Need to tell someone where to meet you? Send the address in a text or email message, so the person you're meeting with can see it on a map or get directions.

1. On the Start screen, slide to the left.
2. Touch **Maps**.
3. Touch **📍** to search for the location you want to share.

4. Touch the pushpin of that location.
5. On the about screen, touch .
6. Choose how you want to share the address.

Get Directions

Get detailed directions to your destination. When viewing directions in Maps, you'll see the total distance and estimated travel time to help you plan ahead.

1. While viewing a map, touch .
2. Use your current location as the starting point, or enter another location in the **Start** field. Enter your destination in the **End** field. You can enter an address, a restaurant, store, or other business name.
3. Touch  on the onscreen keyboard. Maps then displays a split screen, showing a map with the planned route on top and the list of directions at the bottom. When you scroll through the list of directions, the map auto refreshes to show the direction.
4. Tap  or  to switch between driving or walking directions.
5. When you reach your destination, touch it to display the location information.

Tip: While viewing directions, touch  to view the map in full screen so you can see the route and pan on the map. To see the list of directions again, touch  > **directions list**.

Local Scout

When you're new to the area or just looking for something new to do, Local Scout can help you find nearby restaurants, shops, and things to do. You can get relevant info about the different places to help you decide where to go.

Find Places Near Your Location

1. On the Start screen, touch . Maps then finds your location and displays nearby places you can go to on the Local Scout screen.
2. Slide left or right across the screen to view the various suggested places that are listed under these categories: **eat + drink**, **see + do**, **shop**, and **for you**.
3. Touch a place to get more info.
4. While viewing the list of places (such as restaurants under **eat + drink**), touch the map at the top of the screen to see where these places are on the map.

Find Places in Another Location

You can use Local Scout to find places in your destination so you can plan what to do after you arrive.

1. On the Start screen, slide to the left.
2. Touch **Maps**.
3. Touch .
4. In the search box, enter a city name.
5. Touch  on the onscreen keyboard.
6. Touch .

Change How Local Scout Searches

By default, Local Scout narrows the search by distance from your current location or a location that you specified. If you're looking for restaurants or stores, you can set Local Scout to search by ranking or category.

1. In Local Scout, touch the sorting option below the category title.
2. Touch the **Sort by** box, and then select how you want Local Scout to sort places that correspond your search. For example, you can tap rating to sort restaurants or stores based on other people's recommendations.
3. You can also select or clear other options on the **Set Filters** screen to expand, narrow, or filter the Local Scout search.
4. Touch  to see the new search results.

Using Scout by Telenav

Scout™ by Telenav is a daily personal navigator that helps you get where you're going. It lets you see and hear turn-by-turn directions and it can provide important, personalized information about traffic and alternate routes.

Set Up Scout

1. On the Start screen, touch .
2. Touch **Allow** to let Scout use your phone's location, and then touch **Continue** to accept Scout's Terms and Conditions.
3. Enter your 10-digit wireless phone number and touch . A 6-digit verification code will be sent to your phone.

4. Enter the verification code and touch .

Use Scout

1. On the Start screen, touch .
2. On the Scout start screen, you can:
 - Set up your home and work locations and profile, find nearby locations, get directions, and more.
 - Touch to  to change the Scout settings, pin your navigation to the Start screen, and more.

Listen to Music

Beats Audio - Make Your Music Sound Better

Turn on Beats Audio™ for an enhanced sound experience. Songs and videos sound rich and authentic, especially when playing music and videos.

- ▶ To turn the Beats Audio profile on or off, slide left from the Start screen, and then touch **Settings > Beats Audio**.

Music+Videos

Listen to music, catch up on your favorite podcasts on your commute, or enjoy a movie on your next flight.

Play Music, Videos, and Podcasts

Enjoy your favorite songs, videos, and podcasts on your phone.

1. On the Start screen, slide to the left.
2. Touch **Music+Videos**.
3. Under **collection**, touch the media you want to play:
 - **music**: Access stored music files on your phone. Slide left or right to different categories (such as artists or albums when browsing through music). For information on how to sync your music from your phone to your computer (or vice versa), see [Keep Things in Sync](#).
 - **videos**: Play stored videos on your phone. Touch the video you want to play, and then use the onscreen controls to control the playback.
 - **podcasts**: Play audio and video podcasts on your phone.

- **radio:** Tune in and listen to your favorite FM stations. Slide left or right to select the station you want to listen to. Make sure to connect a stereo headset before you use the radio.
4. Touch **store** under **collections** to purchase and download music and podcasts from the Windows Phone Store.

Sprint Music Plus

With Sprint Music Plus, you have access to an all-in-one music store and player for full songs, ringtones, and ringback tones.

Get Sprint Music Plus

1. Touch the **Sprint Music Plus** tile on the Start screen.
2. Touch **go to the store** and then touch **update** or **install**.

Use Sprint Music Plus

1. Touch the **Sprint Music Plus** tile on the Start screen.
2. Swipe from screen to screen to explore your purchasing and listening options.

Sprint TV

The Sprint TV app lets you watch live TV and more on your phone.

Open Sprint TV

1. On the Start screen, slide to the left.
2. Touch **Sprint TV**.
3. Read the Terms and Conditions and if you agree, touch **Accept**.
4. Swipe through the screens to select a category, and touch an item to begin watching.

Note: Content availability subject to change. Visit sprintchannels.mobity.com for details.

Kid's Corner

Your phone is a great way to entertain your kids. Use Kid's Corner to prevent accidental calls while kids play with your phone. With Kid's Corner, you can also limit access to games, music, videos, and apps on your phone.

Set Up Kid's Corner

1. On the Start screen, slide to the left.
2. Touch **Settings** > **kid's corner**.

3. Touch **next**.
4. Choose which content kids can access when your phone is in Kid's Corner mode.
5. Touch **next**, and then touch **set password** or **skip**.

Important: Setting a password adds an extra layer of security when returning from Kid's Corner.

6. Touch **finish**. The Kid's Corner lock screen appears.
7. Drag the lock screen up to show the Kid's Corner screen.
8. Touch **Customize** to give a name to your Kid's Corner screen, choose a Kid's Corner lock screen picture, and more.

Launch Kid's Corner

Important: You'll receive calls and text messages even while your phone is in Kid's Corner mode.

1. If the phone is on, briefly press the Power button to turn off the display and switch the phone to Sleep mode.
2. Briefly press the Power button again to wake your phone up.
3. Slide to the left of the lock screen. The Kid's Corner lock screen displays.
4. Swipe your finger up the lock screen. You can now let your kids play with your phone.

Tip: You can also launch Kid's Corner from the Start screen (if you've pinned it). Just touch the **Kid's Corner** tile, touch **launch kid's corner**, and swipe your finger up the Kid's Corner lock screen.

Close or Disable Kid's Corner

Close or disable Kid's Corner if you no longer need it.

1. From the Kid's Corner screen, briefly press the Power button to turn off the display and switch the phone to Sleep mode.
2. Briefly press the Power button again to wake your phone up.
3. Swipe your finger up the lock screen.
4. Enter the password, if you've set it up. Kid's Corner closes and you're taken back to the Start screen.

To disable Kid's corner:

1. On the Start screen, slide to the left.

2. Touch **Settings** > **kid's corner**.
3. Touch the On/Off switch to disable Kid's Corner.

Web and Data

The following topics address your phone's data connections, Internet Explorer, and connections to your computer. Additional data-related features can be found in [Accounts and Messaging](#), [Apps and Entertainment](#), and [Tools and Calendar](#).

Data Services – Sprint 4G LTE and Sprint 3G Networks

With your Sprint service, you are ready to start enjoying the advantages of data services. This section will help you learn the basics of using your data services, including managing your user name, launching a data connection, and navigating the Web with your phone.

When you turn on phone for the first time, it is automatically set up to use the Sprint 4G LTE (if available in your area) or the Sprint 3G Network for data connection.

Important: Certain data services requests may require additional time to process. While your phone is loading the requested service, the touchscreen may appear unresponsive when in fact they are functioning properly. Allow the phone some time to process your data usage request.

Your User Name

When you buy your phone and sign up for service, you're automatically assigned a user name, which is typically based on your name and a number, followed by "@sprintpcs.com." (For example, the third John Smith to sign up for data services might have jsmith003@sprintpcs.com as his user name.)

When you use data services, your user name is submitted to identify you to the Nationwide Sprint Network. Your user name is automatically programmed into your phone. You don't have to enter it.

Launch a Web Connection

Launching a Web connection is as simple as opening the browser on your phone.

- ▶ On the Start screen, touch . Your data connection starts and you see the home page.

Data Connection Status and Indicators

Your phone displays the current status of your data connection through indicators at the top of the screen.

-  Your phone is connected to the Sprint 4G LTE Network. When the arrows light on and off, your phone is transferring data (for example, when you are opening a Web page). When the arrows are static, your phone is connected to the network but is not

currently transferring data. You can receive incoming calls while connected to the Sprint 4G LTE Network.

-  Your phone is connected to the Sprint 3G Network. When the arrows light on and off, your phone is transferring data (for example, when you are opening a Web page). When the arrows are static, your phone is connected to the network but is not currently transferring data. You can receive incoming calls while connected to the Sprint 3G Network.

Turn the Data Connection On or Off

Turning your data connection off can help save battery life and prevents you from going over your monthly data allowance. However, if you don't have data connection turned on and you're also not connected to a Wi-Fi network, you won't receive automatic updates to your email, social network accounts, and other synchronized information.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **cellular**.
3. Touch the **Data connection** box, and then touch **on** to turn it on. Touch **off** to turn it off.

Enable Data Roaming

Connect to Sprint's partner networks and access data services even when you're out of Sprint's coverage area.

Important: Using data services while roaming may incur additional charges. Check with Sprint for data roaming rates before you enable data roaming.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **cellular**.
3. Touch the **Data roaming options** box, and then touch **domestic** or **domestic + international**.

Manage Your Data Usage with Data Sense

With Data Sense, managing your data usage is easy and efficient. You can use Data Sense to:

- Check your data usage and set a limit based on your monthly or one time data allowance.
- Know which apps use the most data.
- Restrict your phone from downloading background data, such as email or social network synchronization, when you're near the data limit.
- Find nearby Wi-Fi hotspots so you can switch connection from cellular to Wi-Fi.

Important: Data usage measured by Data Sense may vary from your actual data usage.

Set the Data Usage Limit

Setting a data usage limit helps you avoid going over your monthly data allowance.

1. On the Start screen, slide to the left.
2. Touch **Data Sense**. You'll see the approximate amount of data you've used in the past 30 days.

Note: The first time you open Data Sense, it will ask you to set it up. Touch **yes** to set it up, or **not now** to set it up later.

3. Touch **set limit**.
4. Touch the Limit type box, and then select **One time** or **Monthly**.
5. Set your data usage limit preferences.
 - **One time.** Set the days until your data allowance expires and then specify your one time data limit.
 - **Monthly.** Set your monthly reset date and your monthly data limit. The monthly reset date is usually the start of your monthly billing cycle.
6. Touch .

You can now see the remaining data and time limit on the **overview** screen of Data Sense.

Save on Data Usage

After keeping tab on your data usage, use Data Sense to help save on your data usage.

1. On the Start screen, slide to the left.
2. Touch **Data Sense**.
3. Do any of the following:
 - If you set the data usage Limit type to **One time** or **Monthly**, touch  and then select **Restrict background data when I'm near my limit**. When selected, background synchronization for your email and social accounts stops automatically when you're near the data limit. You can still manually sync your email and social accounts.
 - Touch **•••** > **map nearby Wi-Fi** to find a Wi-Fi hotspot near your location.
 - Flick left to the **usage** screen and check which apps are using more data. Close data-intensive apps that you no longer need.

Wi-Fi

To use your phone's Wi-Fi, you need access to a wireless access point or "hotspot."

Note: The availability and range of the Wi-Fi signal depends on a number of factors, including infrastructure and other objects through which the signal passes.

Turn Wi-Fi On and Connect to a Wireless Network

It's quick and easy to turn Wi-Fi on and connect to a wireless network.

1. On the Start screen, slide to the left.
2. Touch **Settings > Wi-Fi**.
3. Touch the **Wi-Fi networking** On/Off switch to turn Wi-Fi on. You'll then see a list of available wireless networks.
4. Touch the wireless network you want to connect to.
 - If you selected an open network, your phone will automatically connect to the network. (Some Wi-Fi networks, such as ones you might find in coffee shops, restaurants, hotels, or elsewhere, may require you to enter a password in your Web browser before you can connect.)
 - If you selected a secured network, enter the required password and then touch **done**.

When you're connected to a wireless network, the Wi-Fi connected icon  appears in the status bar and shows you the signal strength (indicated by the number of bands that light up).

The next time you connect to the same secured wireless network, you won't be asked to enter the password or other security information again, unless you do a factory reset.

Connect to a Hidden Wi-Fi Network

A Wi-Fi network might be hidden, which means the network name isn't broadcasted. In this case, it won't appear in the list of available networks on the Wi-Fi Settings screen and a notification won't appear when the network is in range. To connect to a hidden Wi-Fi network when it's in range, you'll need to enter the network name and password.

Important: The network name and password are case sensitive.

1. On the Start screen, slide to the left.
2. Touch **Settings > Wi-Fi**.
3. Touch the **Wi-Fi networking** On/Off switch to turn Wi-Fi on.
4. Touch **advanced**.

5. Touch **+**, enter the network name, and then touch **add**.
6. On the Sign in screen, enter the password, and then touch **done**.

Disconnect From a Wi-Fi Network

Disconnect from a Wi-Fi network if you don't need data connection.

1. On the Start screen, slide to the left.
2. Touch **Settings > Wi-Fi**.
3. Touch the **Wi-Fi networking** On/Off switch to turn Wi-Fi off and disconnect from the wireless network.

You can also touch and hold the network name and then touch **delete** to disconnect. But this removes the security settings if it's a secured network, and you'll need to enter them again next time you reconnect to this Wi-Fi network.

Use Your Phone as a Mobile Hotspot

Want to share your Internet connection with your laptop or another device? You can turn your phone into a mobile hotspot by sharing your cellular data connection over Wi-Fi. Other Wi-Fi-enabled devices can then use your shared data connection to connect to the Internet. This is also known as tethering.

Note: To share your cellular data connection, this feature must be enabled on your current phone plan.

When you and other people use the shared connection on another device, it uses data from your cellular data plan.

1. On the Start screen, slide to the left.
2. Touch **Settings > internet sharing**.
3. Touch the **Sharing** On/Off switch to turn Internet Sharing on.
4. Touch **setup**, and then change these settings:
 - **Broadcast name:** Enter a name for your mobile hotspot. This is the name that other people will see and use to connect to your shared connection over Wi-Fi.
 - **Password:** Enter a password to secure your mobile hotspot.
5. Touch **✓** to save your settings.

When you touch the top of the screen to see the status bar, you'll see the Internet Sharing icon (i) while you're sharing your cellular data connection.

Search for Information

Besides typing what you want to search for, you can do much more with Bing.

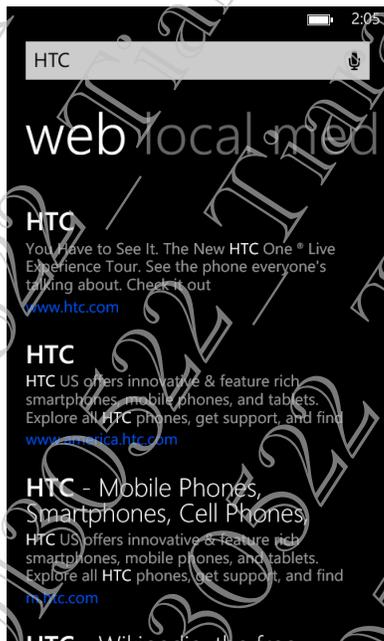
- Search the Web by voice. To find out more, see [Use Speech on Your Phone](#).
- Use Bing Vision to scan QR codes, text, and images such as book covers, and then find these on the Web. For details, see [Scan Codes, Tags, and Text](#).
- Use Bing Music to find details about the music you're listening to. For details, see [Music Search](#).
- Look for nearby restaurants, shops, and things to do. For details, see [Local Scout](#).

Note: Some Web search features may not be available in certain countries.

Use Bing to Search for Information

Just touch  to start searching the Web using Bing®

1. Touch . The Bing Search screen opens.
 - The first time you access Bing, you'll be asked whether search can use your phone's location. Touch **allow** to allow search to use your location.
2. Touch the search box, enter what you want to search for, and then touch  on the keyboard.



3. Slide left or right across the screen to narrow or broaden the search results to **web**, **local**, **media**, or **shopping**.

Tip: Under the **web** results, you can scroll up or down to see different kinds of results, such as news, related searches, apps, products, flight status, and more. The types of results displayed will depend on what you've entered and searched for.

Scan Codes, Tags, and Text

Using Bing Vision and the phone's camera, you can scan lots of things you see, and then search for those things on the Web.

You can scan QR Codes and Microsoft Tags that you see in magazines, online, on signs, or anywhere else. You can also scan text to search, have it translated, and paste scanned text into a message.

Note: The items you can scan and search for vary by country or region.

Scan a QR Code

1. Touch .
2. On the Bing Search screen, touch .
3. Point the camera at the QR Code you want to scan. You'll then see the Results screen.
4. Touch the result to get info about the QR Code. The information that appears depends on the QR Code and can be a message, contact info, email address, website, or phone number.

Scan a Microsoft Tag

1. Touch .
2. On the Bing Search screen, touch .
3. Point the camera at the Microsoft Tag you want to scan. You'll then see the Results screen.
4. Touch the result to get info about the Tag.

Search by Scanning a Barcode, Book, CD, or DVD Cover

1. Touch .
2. On the Bing Search screen, touch .
3. Point the camera at the barcode, book cover, CD cover, or DVD cover you want to scan. You'll then see the Results screen.
4. Touch the result to get info from the Web about the item you've just scanned.

Search by Scanning Text

You can scan text and then search the Web using the scanned words. Or you can have the text translated.

1. Touch .
2. On the Bing Search screen, touch .
3. Point the camera at the text you want to scan, and then touch **scan text**.
4. You can:
 - **Search the Web:** Touch each of the squares that contain the words you want to search for, and then touch **search**.
 - **Translate recognizable text:** Touch **translate**, and then choose a language.

Copy and Paste Scanned Text

1. Touch .
2. On the Bing Search screen, touch .
3. Point the camera at the text to scan, and then touch **scan text**.
4. Touch **...** > **copy all**.
5. Open the file, app, or message where you want to paste the text.
6. Touch where you want to paste the text.
7. In the text suggestion bar above the keyboard, touch the paste icon .

Select from Previous Image Search Results

1. Touch .
2. On the Bing Search screen, touch .
3. Touch **history**.
4. On the Vision history screen, touch a past result.

Browse the Web

Internet Explorer Mobile makes it quick and easy to surf the Web on the go. By using tabs, you can open multiple Web pages and switch between them quite easily.

Open a Web Page

1. On the Start screen, touch .
2. Touch the address bar, and then enter a Web address. As you type, Internet Explorer will suggest possible matches.
3. If you see the site you're looking for, touch it. Or touch  on the onscreen keyboard.



Share a Link

When you see a website that you like, you can easily tell your friends about it by sharing its link. You can send the link in your text or email message. Or you can post it in your social networks.

1. On the Start screen, touch .
2. Touch the address bar, and then enter a Web address.
3. While viewing the website, touch  > **share page**.
4. Choose how you want to share the link.
5. If you chose to share the link in your social networks, enter your message, select which networks to post on, and then touch .

Use Tabs to Open Multiple Web Pages

You can open up to six separate browser windows (called "tabs" in Internet Explorer) simultaneously. Tabs make it easy to hop between sites.

1. On the Start screen, touch .
2. Touch **•••** > **tabs**.
3. Touch  to open a new tab. A blank browser screen then opens.
4. On the new browser screen, go to a website that you want.

Switch Between Tabs

1. On the Start screen, touch .
2. Touch **•••** > **tabs**.
3. Touch the thumbnail that shows the website you want to open. If you no longer need to view a website, you can close the tab by touching .

Music Search

Songs you hear on the radio, or when you're out and about, don't need to be a mystery anymore. You can search for music that's playing to find out more about it, such as the song title, artist, album, and ways to listen to or buy it.

Note: Bing Music can only recognize recorded music. Music from live performances or humming can't be recognized.

Bing Music may not be available in some countries or regions.

Search for Recorded Music That's Playing

1. Touch . The Bing Search screen opens.
2. With the music playing, hold your phone where you can clearly hear the music, and then touch .
3. After scanning, the song title, artist, album name, and album art will appear for songs that are recognized.
4. To find the song in Store, touch **Store**. You can then preview that song and other ones on the album, and also buy if you want to.

Select from Previous Music Search Results

You can go back and find music that you've searched for in the past.

1. Touch . The Bing Search screen opens.
2. Touch **•••** > **music history**.

3. On the Music history screen, touch a song to find it on Store.

Camera and Video

Take great photos and videos with your phone's camera. The camera is ready to capture that perfect moment.

Launch the Camera

Whether traveling for business or fun, enjoy taking photos and videos with the camera.

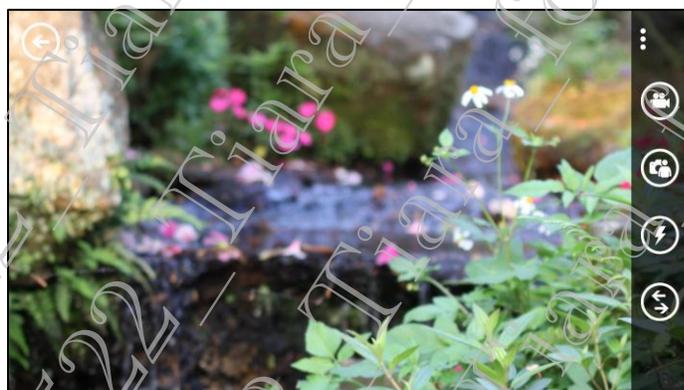
Do any of the following to open the camera:

- From the Start screen, slide left, and then touch **Camera**.
- Press and hold the Camera button (you can do this even if the display is off or locked).

Note: The first time you open Camera, you'll be asked whether the app can use your phone's location. Touch **allow** to allow Camera to use your location.

Viewfinder Screen

Use the controls on the Viewfinder screen to switch cameras, capture mode, and more. You'll find the following onscreen controls on the Viewfinder screen:



Icon	Description
	Photo/Video mode
	Front/Main camera mode
	Flash mode
	Video light

	Camera lenses
	Go to the camera roll

Note: Flash and video light are not available when you're using the front camera or when the battery power is too low.

Zooming

Before taking a photo or video, you can zoom in or out of your subject.

- ▶ Spread or pinch on the screen to zoom in or out.

Take a Photo

Whether it's moving or not, clearly capture any moment with your phone's camera.

1. Press the Camera button to open the Camera app.
2. Choose your camera settings:
 - Touch  to set the camera to auto flash, flash on, or flash off.
 - Touch  to switch to the ultra wide angle front camera for a group shot of you and your friends.
 - Touch  to select or download lenses.
 - Touch **⋮** > **photo settings** to choose the resolution you want to use.
3. Hold your phone steady, either vertically (portrait view) or horizontally (landscape view).
4. Before taking the photo, you can zoom in and out.
5. To take the photo, you can:
 - Press the Camera button halfway down to focus, and then press the button all the way down to take the photo. The camera will auto focus on what's in the center of the screen.
 - Or touch any point on the screen to focus there and take the photo.

The photo will be saved in the Camera Roll album of the Photos hub.

Record a Video

You can record videos in either portrait or landscape orientation. For the best viewing experience of your videos, the most ideal way is to capture them in landscape.

1. Press the Camera button to open the Camera app.
2. Touch  to switch to video mode. You'll see a video counter on the screen.
3. Choose your video recording settings:
 - Touch  to turn the video light on or off during recording.
 - Touch  to switch to the ultra wide angle front camera.
 - Touch **•••** > **video settings** to choose the resolution you want to use.
4. Before recording, you can zoom in and out.
5. Press the Camera button to start recording.
6. To stop recording, press the Camera button again.

The video will be saved in the Camera Roll album of the Photos hub.

After Capturing

After taking a photo or video, you can view it and others you've captured without leaving the Camera app. You can also choose what to do with a photo or video, such as upload it to SkyDrive or share it on a social network.

1. Press the Camera button to open the Camera app.
2. While on the Viewfinder screen, touch . Or slide your finger on the screen. You'll see the last photo or video captured.
3. If it's a photo, double-tap or pinch and stretch if you want to zoom in and out of a photo. If it's a video, just touch the play icon to view the recording.
4. Touch **•••** to see options of what you can do with your photo or video.
5. Pinch the screen to change to filmstrip view. You can then easily flick left or right onscreen to browse through your photos and videos.
6. To continue capturing, slide your finger left if you're holding the phone horizontally (or slide up if holding the phone vertically) until you're back on the Viewfinder screen.

Change Camera and Video Settings

Change basic settings or an additional advanced settings menu is available for camera and video.

1. Press the Camera button to open the Camera app.
2. Touch **•••** > **photo settings** or **video settings** to choose from various resolutions.

- To save your settings, touch **save** after you make the change.

To find more camera settings slide left from the Start screen and then touch **Settings**. Then slide to the **applications** list and touch **photos+camera**.

Capture Photos and Videos Using the HTC Camera

The HTC Camera app delivers a superior photo and video capturing experience on your phone. With HTC Camera, you can enjoy shooting in low-light environments, capturing wide panoramas, or using high dynamic range (HDR) imaging for that perfect photo.

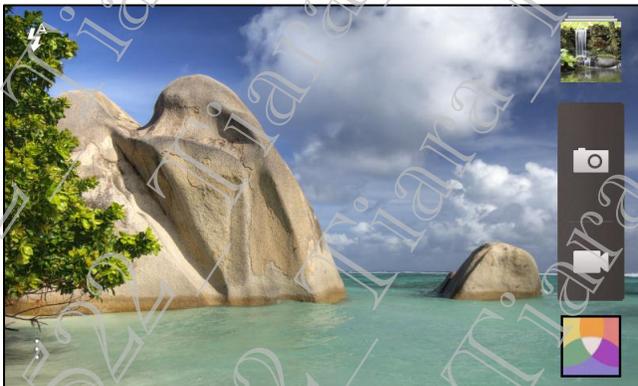
Open HTC Camera

Do any of the following to open the camera:

- From the Start screen, slide left, and then touch **HTC Camera**.
- If you've set the Camera button to open HTC Camera, press and hold the Camera button (you can do this even if the display is off or locked). To set the Camera button to open HTC Camera, see [Set the Camera Button to Open HTC Camera](#).

Note: The first time you open HTC Camera, you'll be asked whether the app can use your phone's location. Touch **allow** to allow HTC Camera to use your location.

Use the controls on the Viewfinder screen to add effects, set the flash, and more.



Icon	Description
	Photo effects
	Flash mode
	Photo mode
	Video mode

•••	Camera settings
-----	-----------------

Set the Camera Button to Open HTC Camera

You can set the Camera button to open the HTC Cameras app every time it is pressed.

1. On the Start screen, slide to the left.
2. Touch **Settings**, slide left to **applications**, and then touch **photos+camera**.
3. Touch the **Pressing the camera button opens** box, and then touch **HTC Camera**.
4. Touch .

Before You Use HTC Camera

Before you take a photo or record a video, you can select some camera settings.

Switch Between the Front and Main Camera

1. Open the HTC Camera app.
2. On the Viewfinder screen, do any of the following:
 - Pull from the top or bottom edge in landscape view.
 - Pull from the left or right edge in portrait view.
 - Touch **•••** and then touch the Camera switch to toggle between **Front** and **Main** camera.

Choose an Effects Setting

Use the available camera effects to make your photos look as if they've been taken through special lenses and filters.

1. Open the HTC Camera app.
2. On the Viewfinder screen, touch .
3. Scroll through the available effects and touch one that you like.

Choose a Flash Mode

1. Open the HTC Camera app.
2. On the Viewfinder screen, touch  to cycle through the flash modes (auto, flash on, flash off).

Note: When using flash on or auto flash mode, the camera intelligently sets the best flash brightness for your photo.

Take a Photo

Whether it's moving or not, clearly capture any moment with your phone's camera.

1. Open the HTC Camera app.
2. Point the camera on what you want to capture. The camera adjusts the focus automatically, and continuously refocuses as you move it.
3. When you're ready to take the shot, touch .

Tip: You can also touch anywhere on the screen to take a photo if you turned on **Touch to capture** in **⋮ > photo settings**.

Take Continuous Camera Shots

It's easy to take photos of moving subjects and action photos.

1. Open the HTC Camera app.
2. Point the camera on what you want to capture.
3. Touch and hold . The camera takes up to 20 consecutive shots of your subject. HTC Camera determines the best shot and assigns it as the cover photo (indicated by .
4. After taking the shots, do any of the following:
 - To keep just one photo, select the photo that you like the most, and then touch . All other photos are deleted.
 - To change the cover photo for your burst shot, select the photo, and then touch .
 - To delete one or several photos within the burst shot, touch . Touch the photos you want to delete, and then touch . Otherwise, touch  to cancel.
 - To save the photos as individual pictures, touch .

Tip: You can also edit burst shots using the HTC Burst app. On the Start screen, slide to the left, and then touch **HTC Burst**. Touch the burst photos you want to edit.

Take a Self Portrait

When there's no one around to take your photo, switch to the front camera and take a self-portrait shot.

1. Open the HTC Camera app.

2. Pull the Viewfinder screen's top or bottom edge in landscape view.

Tip: In portrait view, you can pull from the left or right edge to switch to the front camera.

3. Touch anywhere on the screen to start the timer. The camera takes a photo after the countdown.

Record a Video

Capture high-definition video clips that you can later share or create into movies.

1. Open the HTC Camera app.
2. When you're ready to start recording, touch .
3. While recording, you can:
 - Change focus to a different subject or area by just touching it on the Viewfinder screen.
 - Touch the flash icon to turn the flash on or off.
4. To stop recording, touch .

Take a Photo While Recording a Video (VideoPic™)

Note: Make sure that you're in Normal scene to use this feature.

1. Open the HTC Camera app and start recording a video using the main camera.
2. While recording, touch  to capture a still shot of your subject.

Turn Off Auto Focus

Note: You can only turn off auto focus before you start recording with the main camera.

1. Open the HTC Camera app.
2. On the Viewfinder screen, touch **•••** > **video settings**.
3. Touch the **Lock focus in video** box and then choose **off**.

Change the Video Quality

1. Open the HTC Camera app.
2. On the Viewfinder screen, touch **•••** > **video settings**.
3. Touch the **Video quality** box and then choose a video resolution.

Camera Scenes

A scene is a collection of settings to suit the lighting and environment. Use **Auto** (Normal) and let the camera automatically determine optimal settings, or choose from a wide selection of scenes before you start taking photos.

Improve Portrait Shots

If you'd like your family or friends to look their best in your photos, make sure to use the portrait scene. It smoothens the skin in your shots.

1. Open the HTC Camera app.
2. On the Viewfinder screen, touch **•••** > **photo settings**.
3. Touch the **Scene** box, and then touch **Portrait**.
4. Touch **save**.
5. When you're ready to take the photo, touch .

Take a Panoramic Photo

Whether it's the Golden Gate Bridge or the Eiffel Tower, you can capture anything wide or tall in a single photo.

Note: Some camera features are not available when you're in this mode, such as zooming.

1. Open the HTC Camera app.
2. On the Viewfinder screen, touch **•••** > **photo settings**.
3. Touch the **Scene** box, and then touch **Panorama**.
4. Touch **save**.
5. When you're ready to take the first shot, touch . Directional arrows appear, prompting you to pan left or right in landscape view (or pan up or down in portrait view).
6. Pan your phone as smoothly as you can to automatically capture frames.
7. Touch  to stop capturing anytime.

The camera stitches the shots into a single photo.

Use HDR

When shooting portraits against a bright background, use the HDR (High Dynamic Range) scene to capture your subjects clearly. HDR brings out the details of both the highlights and shadows, even in high contrast lighting.

1. Open the HTC Camera app.
2. On the Viewfinder screen, touch **•••** > **photo settings**.
3. Touch the **Scene** box, and then touch **HDR**.
4. Touch **save**.
5. When you're ready to take the photo, touch .

HDR works best when your subject is steady. The camera takes multiple shots at different exposure levels and combines them into one enhanced photo.

Change Camera and Video Settings

Change the HTC Camera settings depending on your photo and video preferences.

1. Open the HTC Camera app.
2. On the Viewfinder screen, touch **•••** > **photo settings** or **video settings**.
3. Change the settings.
4. Touch **save** after you make your choices.

Access Photos and Videos

On the Photos hub, you can view the photos and videos you captured with the camera, flip through online albums, or catch up with your friends' latest snapshots.

View Photos and Videos

You can view photos by event or location, trim videos, add photo frames and special effects, and more.

1. On the Start screen, slide to the left.
2. Touch **Photos**.
3. Slide left or right across the screen and you'll see the following:
 - **picture collection**: You can view your pictures and videos by album or date, or see what's on the camera roll. You can also check out your friends' online albums or your own.
 - **favorites**: See up to 8 pictures you've tagged as favorites, or touch **see all** to view the rest. You can even pin your favorites to the Start screen for one-tap access.
 - **what's new**: Here you'll find the latest pictures your friends have uploaded on social networking sites. Touch a photo to post a comment or tag a friend.

- **apps:** Here you'll find Photo Enhancer and other apps that you can use to edit your photos.

Add a Photo to Your Favorites

Some snapshots are so great you just can't get enough of them. To get to these photos quicker, add them to your favorites.

1. On the Start screen, slide to the left.
2. Touch **Photos**.
3. Find a photo that you like and touch it to open.
4. Touch and hold the photo, and then touch **add to favorites**.

Tip: Before you can add a photo from an online album to your favorites, you first need to save it to your phone. Open the photo, and then touch **••• > save to phone**.

Change the Photos Hub Background

You can pick out any photo to use as the background on your Photos Hub — even photos from online albums. Better yet, your Photos hub can also show a random selection of your favorite pictures.

1. On the Start screen, slide to the left.
2. Touch **Photos**.
3. Touch **•••**.
4. Do any of the following:
 - Choose a photo to use as the background. Touch **choose background**, select a photo, and crop it.
 - Touch **shuffle background** to shuffle photos that are tagged as favorites.

Tip: If you have the Photos tile on your Start screen, the background you choose will also show up in the tile.

Share Your Photos

Share photos or videos with your friends and family. You can send photos and videos in a multimedia message or email. You can also upload photos or videos to your online accounts.

Note: Make sure you've signed in to your online accounts before uploading.

1. On the Start screen, slide to the left.
2. Touch **Photos**.

3. Find and open the photo or video you want to share.
4. Do one of the following:
 - **Share to a social network:** Touch **•••** > **share**. Choose how to send it or where you want to share it.
 - **Save to SkyDrive:** Touch **•••** > **save to SkyDrive**. Touch  to save your picture or touch  to save your video to SkyDrive. You can then attach the picture or video to any email, multimedia message, or status update in the future.

Enhance Your Photos - Photo Enhancer

Use Photo Enhancer to touch-up your photos. Improve photos taken in poor lighting conditions with one touch. Or apply special effects to give your photos a unique look.

1. On the Start screen, slide to the left.
2. Touch **Photo Enhancer**.
3. Touch **choose picture**.
4. Open the album where the photo you want to edit is located, and then touch the photo.
5. To see what's available, slide left or right across the thumbnails of the various effects.
6. Touch an effect to apply it to your photo.
7. Touch  to save.

The enhanced photo will be saved in another album called **Saved Pictures**.

Tools and Calendar

Learn how to use many of your phone's productivity-enhancing features.

Calendar

Never miss an important date again. You can sync your existing calendars from your email accounts to your phone and see them in the Calendar app. You can also add new appointments, create your to-do list, and respond to invitations that people send you.

- After you've set up your email accounts, the calendars associated with your accounts will be synced to your phone. If you haven't set up your email accounts, see [Email](#) to find out how to add them to your phone.
- When you create new appointments on your phone, they will be synced to the calendars in your accounts.
- If you've set up a Facebook account, you'll see your Facebook events in the Calendar app. You can only view and not create or edit Facebook events on your phone.

View the Calendar

Open the Calendar app and begin creating appointments.

- ▶ On the Start screen, touch the Calendar tile .

Day or Agenda View

The Calendar opens in either the **day** or **agenda** screen. Slide your finger left or right on the screen to switch between these views.

- ▶ While in day or agenda view:
 - Swipe up or down to go to the next or previous day.
 - Touch the date icon at the bottom of the screen to return to today's date (if you've navigated away from today's date).
 - Touch  to add an appointment.
 - Touch  to view the monthly calendar.

Month View

1. On the Start screen, touch the Calendar tile .

2. In either the **day** or **agenda** screen, touch . In month view, you will see text on days that have events.
3. Do any of the following:
 - Swipe up or down the screen to view earlier or later months.
 - Touch a day to view the events for that day.

Create or Edit a Calendar Appointment

When creating a new appointment, you can choose which account's calendar to add it to.

1. On the Start screen, touch the Calendar tile .
2. In **day** or **agenda** view, touch .
3. If you have more than one calendar, touch the **Calendar** box, and then select an account in which to add the appointment.
4. Enter the appointment details.
5. At the bottom of the screen, touch **more details** to set a reminder, appointment's occurrence, and more.
6. Touch  to save.

Quickly Create an Appointment on a Time Slot

If you don't need too much detail on your appointment, you can quickly create an appointment by just selecting a time slot and typing a subject right on the calendar.

1. On the Start screen, touch the Calendar tile .
2. Go to **day** view.
3. Touch a time slot, enter a subject, and then touch .

You can edit the appointment later if you need to add more details or move it to another account's calendar.

Send an Invitation

You can use Calendar to schedule a meeting or an appointment and invite people to attend it. An invitation email will be sent to them from the account that you choose.

You can only invite contacts that are stored or synced on your phone.

1. On the Start screen, touch the Calendar tile .
2. Create a new appointment. For details, see [Create or Edit a Calendar Appointment](#).

3. Touch the **Calendar** field, and then choose the account to use for sending the invitation.
4. Add details, such as date and time, location, and more.
5. Touch **more details**, scroll down the screen, and then touch **add someone**.
6. Invite required and optional attendees by touching **add someone** below each field.
7. When you're done, touch .

Create a New To-Do Task

To-dos show up on your calendar, and they appear alongside your appointments.

Note: You can only create to-dos in your Microsoft and Outlook (Exchange ActiveSync) accounts.

1. On the Start screen, touch the Calendar tile .
2. Swipe left or right to go to the **to-do** list.
3. Touch .
4. If you have more than one account, choose the account in which to add your to-do task.
5. Fill in the task details, such as subject, due date, and more.
6. To set a reminder, turn **Reminder** on, and then choose a date and time.
7. Touch  to save.

If you've set a due date, you'll see your to-do task in that date's **agenda** view. You'll also see your to-do task in the **day** view of your set reminder date and time.

Display and Sync Calendars

You can choose which calendars to show or hide in the Calendar app, and which ones to keep synchronized.

Show or Hide Calendars

1. On the Start screen, touch the Calendar tile .
2. Swipe left or right to go to the **day** or **agenda** view.
3. Touch **•••** > **settings**.
4. Touch the on/off switch for each calendar that you want to show or hide.

Note: The calendars are kept synchronized on your phone, whether or not you hide them.

Sync Your Calendars

You can choose which calendars to keep synchronized on your phone.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **email+accounts**.
3. Touch the account whose calendar sync setting you want to change.
4. Select or clear the **Calendar** check box, depending on whether you'd like to sync or stop syncing the account's calendar.
5. Touch to apply the changes.

Calculator

Your phone comes with a built-in calculator.

1. On the Start screen, slide to the left.
2. Touch **Calculator**.
3. Do any of the following:
 - For a standard calculator, hold the phone in portrait mode.
 - Turn your phone sideways to switch to a scientific calculator. The scientific calculator lets you perform more complex calculations with square root, logarithmic, and trigonometric functions.
4. Enter numbers or formulas using the onscreen keys. Touch to remove one digit at a time.
5. Touch = for the result.

Set an Alarm

You can set up one or more alarms.

1. On the Start screen, slide to the left.
2. Touch **Alarms**.
3. Touch .
4. Edit the alarm time, repeats, sound, and name.
5. Touch to save.

6. To add more alarms, touch .

Note: To turn off an alarm, touch the On/Off switch next to the alarm time.

Get Productive with the Office Hub

Microsoft Office Mobile includes mobile versions of Microsoft Office applications. You'll find them in the Office hub. You can also use the Office hub to access and edit documents that are stored online.

1. On the Start screen, touch the Office hub tile .
2. Slide left or right across the screen to see your documents and files.
 - **recent:** Lists all documents you've recently opened or saved. The recent screen also lets you find, open, or create Excel®, PowerPoint®, and Word documents.
 - **places:** Access Office documents that are stored on your phone or online, such as in SkyDrive, Microsoft SharePoint®, or Office 365.

Office Mobile Supported Files

Office Mobile app	File formats
Word Mobile	.doc, .docx, .dot, .dotx, .dotm, .docm, .txt, .rtf
Excel Mobile	.xls, .xlsx, .xlt, .xltx, .xlsm, .xltm
Powerpoint Mobile	.ppt, .pptx, .pps, .ppsx, .pptm, .ppsm

Create and Share Notes with OneNote Mobile

Use Microsoft OneNote® to jot down notes and create to-do lists. You can also attach photos or voice recordings to your note so you don't lose any ideas or information.

After creating a note, you can share it via email or sync it to SkyDrive.

Compose a Note

1. On the Start screen, slide to the left.
2. Touch **OneNote**.
3. Touch .
4. Touch the title box, enter a title for your note, and then touch .
5. Compose your note.

- Touch the note and start typing your text.
- Touch  to create a to-do list.
- Touch  to create a bulleted list.

Tip: To format text in your note or to change a bulleted list to a numbered list, touch , and then select the option you want.

6. Insert a picture or audio to your note.
 - Touch  to insert an existing photo to your note. If you want to insert a new photo, touch  on the **Choose picture** screen, and then capture a new photo.
 - Touch  to record audio and insert it to your note.
7. When you're done, touch  to save your note.

Share or Sync a Note

You can share your notes via email or sync them to SkyDrive so you can access your notes anywhere.

1. On the Start screen, slide to the left.
2. Touch **OneNote**.
3. Touch the note you want to share, and then touch .
4. Do any of the following:
 - Touch **share** and select the email account you want to use to send the note.
 - Touch **sync** to sync the note to your SkyDrive.
 - Touch **pin to start** to create a tile for this note on the Start screen.

Manage Notes

1. On the Start screen, slide to the left.
2. Touch **OneNote**.
3. In the list of notes, you can:
 - Sync your notes to SkyDrive. Touch  > **sync**.
 - Delete several notes. Touch  > **select pages**. Select the notes you want to delete, and then touch .

- Search your notes. Touch , enter a keyword, and then touch  .

HTC Hub

In the HTC hub, you can check weather forecasts, stock updates, and the latest news.

Checking Weather

Check the local weather in the HTC hub before you head out.

1. On the Start screen, slide to the left.
2. Touch **HTC**. You'll see the weather in your current location as well as the weather in other cities around the world.



3. Touch your current location to open the weather info screen and see more detailed weather forecasts for your location. Or touch another city to check its weather forecasts.
4. On the weather screen, touch the icons at the bottom to view in full screen or check hourly weather.
5. To check weather forecasts for upcoming days, touch , and then touch .

Note: To refresh the weather info onscreen, touch  > **refresh**.

If you don't see the weather in your current location, return to the Start screen and go to **Settings > location**. Check whether **Location services** is turned on.

Add a City

1. On the HTC hub weather screen, scroll down the list to check what cities have already been added.
2. Touch .
3. Enter the name of a city or country. As you type, matching locations are shown.
4. Touch the city that you want to add.

Change the Order of Cities

1. On the HTC hub weather screen, touch  > **edit**.
2. Touch and hold  at the end of the item you want to move.
3. When the selected city is highlighted, drag it to where you want it to appear in the list.
4. Touch **done**.

Delete Cities

1. On the HTC hub weather screen, touch  > **edit**.
2. Touch the circle before each city you want to delete.
3. Touch **done** to delete them.

Change the Weather Settings

1. On the HTC hub weather screen, touch your location to open the weather info screen.
2. Touch  > **settings**.
3. Under **Temperature scale**, select **Fahrenheit** or **Celsius**.
4. Turn on or off weather sound effects and other options.
5. Touch  to apply the new settings.

Keep Track of Your Stocks

In the HTC hub, you can get the latest updates for the stock quotes and market indices that you follow.

1. On the Start screen, slide to the left.
2. Touch **HTC**.

3. Flick left to go to the stocks list.



4. If there's a long list, swipe your finger up or down to browse through the stocks that you're following.
5. Touch an item to see a stock's trade information and price chart for the current day.
6. Touch another period if you want to check the stock's past trade information. For example, touch **5D** to check the trade information for the past 5 days.

Pin a Single Stock Quote or Index to the Start Screen

You can pin a single stock quote or index to your Start screen and get instant updates to that item.

1. On the Start screen, slide to the left.
2. Touch **HTC**.
3. Flick left to go to the stocks list
4. Touch and hold a stock quote or index that you want to place on your Start screen, and then touch **pin to start**.

A live tile for your chosen stock quote or index will be added to your Start screen.



Add a Stock Quote or Stock Market Index

1. On the Start screen, slide to the left.
2. Touch **HTC**.
3. Flick left to go to the stocks list and touch **+**.
4. Enter a stock quote or market index that you want, and then touch **⌘**. Matched results will be listed.
5. Touch the stock quote or market index you want to add.

Rearrange the Stock List

1. On the Start screen, slide to the left.
2. Touch **HTC**.
3. Flick left to go to the stocks list and touch **••• > edit**.
4. Touch and hold **≡** at the end of the item you want to move.
5. When the selected item is highlighted, drag it to where you want it to appear in the list.
6. Touch **done**.

Delete Stock Quotes or Indices

1. On the Start screen, slide to the left.
2. Touch **HTC**.
3. Flick left to go to the stocks list and touch **••• > edit**.
4. Touch the circle before each stock quote or index you want to delete.
5. Touch **done** to delete them.

Change the Stock Settings

1. On the Start screen, slide to the left.

2. Touch **HTC**.
3. Flick left to go to the stocks list.
4. View a stock's trading chart and other details, and then touch **•••** > **settings**.
5. Change the color for displaying stock price increases to either red or green.
6. Choose other options such as the update schedule, and more.
7. Touch  to apply the new settings.

Read News Feeds

Don't get left behind with yesterday's stories. Subscribe to news feeds that cover breaking news, sports, top blogs, and more.

Subscribe to News Channels

1. On the Start screen, slide to the left.
2. Touch **HTC**.
3. Slide left or right until you see the list of subscribed news channels.
4. To subscribe and add a news channel, touch .
5. You can:
 - Touch a category, and then select one or more channels to subscribe to. After you've finished selecting, touch  twice to return to the list of subscribed channels.
 - Touch  to search for a specific keyword or a feed URL. Select one or more channels to subscribe to, and then touch .

Read News

1. On the Start screen, slide to the left.
2. Touch **HTC**.
3. Slide left or right until you see the list of subscribed news channels.
4. Touch a subscribed news channel to see stories from that channel, or touch **All items** to see the stories from all your subscribed channels.
5. Touch a story that you want to read.
6. While reading the news summary, you can:

- Touch  to go to the Web page where the story is published and read the full article.
- Touch  to share the link to the story from available options.
- Touch  or  to go to the previous or next story.

Instantly Update a Subscribed News Channel

Just pin your favorite news channel to the Start screen and get instant updates for that channel.

1. On the Start screen, slide to the left.
2. Touch **HTC**.
3. Slide left or right until you see the list of subscribed news channels.
4. In the list of subscribed news channels, touch and hold your favorite channel, and then touch **pin to start**.

A live tile for your favorite channel will be added to your Start screen, and it will show the headline of the latest story.

Unsubscribe News Channels

1. On the Start screen, slide to the left.
2. Touch **HTC**.
3. Slide left or right until you see the list of subscribed news channels.
4. Do any of the following:
 - To unsubscribe a single news channel, touch and hold that channel, and then touch **unsubscribe**.
 - To unsubscribe several channels, touch **...** > **unsubscribe**. Select the channels you want to unsubscribe, and then touch **done**.

Bluetooth and NFC

Bluetooth is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth accessories, such as headsets and hands-free car kits, and Bluetooth-enabled handhelds, computers, printers, and wireless phones. The Bluetooth communication range is usually approximately 30 feet.

Your phone is also equipped with near field communication (NFC) technology that allows you to send and receive information to and from an NFC-enabled device. Just place the phone's back panel closer to the other device to start exchanging information.

Connect a Bluetooth Accessory

You can connect a variety of Bluetooth accessories such as headsets, car kits, or speakers to your phone.

Important: For you to listen to music with your headset, the headset must support the A2DP Bluetooth profile.

Before you connect, make sure to set the accessory to discoverable so your phone can find it. Refer to your accessory manual for details.

1. On the Start screen, slide to the left.
2. Touch **Settings > Bluetooth**.
3. Touch the On/Off switch to turn Bluetooth on. Your phone becomes discoverable. It also automatically searches for Bluetooth accessories within range.
4. Touch the name of the accessory that you want to pair with your phone.

Note: If automatic pairing fails, enter the passcode supplied with your headset.

When the accessory is connected to your phone, the Bluetooth icon  appears on the status bar. You can also check the connection status shown below the accessory name on the Bluetooth Settings screen.

Tip: Turn Bluetooth off when not in use to save battery power, or in places where using a wireless device is prohibited, such as on board an aircraft and in hospitals.

Disconnect from a Bluetooth Accessory

If you do not need to use Bluetooth at any given point, you can disconnect and unpair your phone from a Bluetooth accessory.

1. On the Start screen, slide to the left.
2. Touch **Settings > Bluetooth**.
3. Touch the accessory to disconnect it.

To reconnect, just touch the accessory again.

Unpair a Bluetooth Accessory

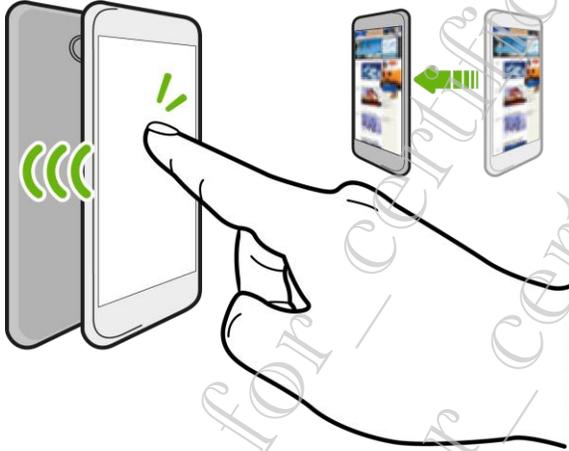
If you no longer want to use a connected accessory with your phone, you can unpair and remove it from your phone.

1. On the Start screen, slide to the left.
2. Touch **Settings > Bluetooth**.

3. Touch and hold the name of the accessory, and then touch **delete**.

Share Content with NFC

With built-in NFC (near field communication), you can share content with people easily just by placing your phone back to back with another Windows Phone 8 that has NFC. Share a webpage you're viewing, contact information, and more.



Note: You can also use NFC for contactless payment. Contact Sprint to find out about the availability of NFC payment services.

Tap + Send (NFC) may also be compatible with other wireless phones or devices in addition to Windows Phone 8 devices.

Turn NFC On or Off

1. On the Start screen, slide to the left.
2. Touch **Settings** > **tap+send**.
3. Touch the **NFC sharing** On/Off switch.

Share Content via NFC

Important: Turn on Bluetooth on your phone before using NFC. See [Connect a Bluetooth Accessory](#) for details.

- Follow the steps for the item you want to share.

To share	Do this
Contact	<ol style="list-style-type: none"> 1. In People, select a contact to share. 2. Touch ••• > share contact > .

	<ol style="list-style-type: none"> 3. Touch Tap+Send.
Music	<ol style="list-style-type: none"> 1. In Music+Videos, slide to the songs list. 2. Press and hold the name of the song, and then touch share. 3. Touch Tap+Send.
Office document	<ol style="list-style-type: none"> 1. In the Office hub, find the document you want to share. 2. Touch ••• > share. 3. Touch Tap+Send.
Photo	<ol style="list-style-type: none"> 1. In the Photos hub, find the photo you want to share. 2. Touch ••• > share. 3. Touch Tap+Send.
Web page	<ol style="list-style-type: none"> 1. In Internet Explorer, go to the Web page you want to share. 2. Touch ••• > share page. 3. Touch Tap+Send.

Update Your Phone

From time to time, updates may become available for your phone. You can download and apply updates through the **Settings > phone update** menu.

Set Update Notification and Downloading Option

You can set your phone to notify you when new updates are available for your phone. You can also allow your phone to automatically download those updates.

1. On the Start screen, slide to the left.
2. Touch **Settings > phone update**.
3. Select the **Tell me when updates are available for my phone** check box.
4. Choose whether you want to allow automatic downloading of updates if your data settings allow it. If you disable this option, your phone will only download updates over Wi-Fi or when it's connected to your computer.

Prepare for a Phone Update

To make sure a software update can be carried out smoothly and without interruptions, prepare your phone for the update. Here's what you need to check.

- If your battery level is low, give your phone a quick charge before starting the update.
- Check how much free space you have on your phone and make some room for the update.
 - To find out how to check the available storage, see [Check the Phone Storage](#). If necessary, remove a few unwanted apps. Refer to [Uninstall an App](#).
 - You can transfer files, photos, and videos to your computer or upload them to SkyDrive. To learn more, see [Keep Things in Sync](#) and [Back Up Your Files](#).
 - Delete large files (such as photos, videos, or music) from your phone.
- Make sure your phone is set with the correct date and time. This determines which new updates you'll need. For details, see [Correct the Date and Time](#).

Install an Update

When you see the notification about an available software update, you can update your phone right away. Or you can dismiss the notification and update some other time. Your phone will remind you again in a few days.

Have you prepared your phone for the update? If you haven't, see [Prepare for a Phone Update](#) on what you should check and prepare.

Correct the Date and Time

If you're having trouble installing a software update, your phone may not have been set with the correct date and time. In most cases, the date and time is set automatically. But if it's not, you can set it manually.

1. Disconnect your phone from your computer.
2. On the Start screen, slide to the left.
3. Touch **Settings > date+time**.
4. Turn off **Set automatically**.
5. Set the correct time zone, date, and time.

Update Your Network Profile

This option allows you to automatically update your network profile information. If you choose to change your user name and select a new one online, you must then update the network profile on your phone.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **network profile update**.
3. Touch **update profile**.
4. Touch **done** when the update has completed.

Note: If your data services or account syncing ever seems to go out unexpectedly, use this feature to reconnect with the network.

SIM Card

Your phone uses a pre-installed micro SIM card. A properly provisioned SIM card is necessary in order to use the Sprint 4G LTE Network. See Sprint's network coverage area map for current LTE coverage.

microSD Card

You can purchase a microSD™ (Secure Digital) memory card and install it into your phone so you can store more images, videos, music, documents, and voice data.

Important: Make sure your battery is fully charged before using the microSD card. Your data may become damaged or unusable if the battery runs out while using the microSD card.

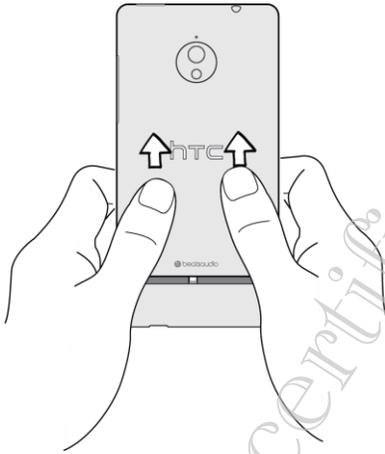
You can easily damage the microSD card by improper operation. Please be careful when inserting, removing, or handling the microSD card.

Insert the microSD Card

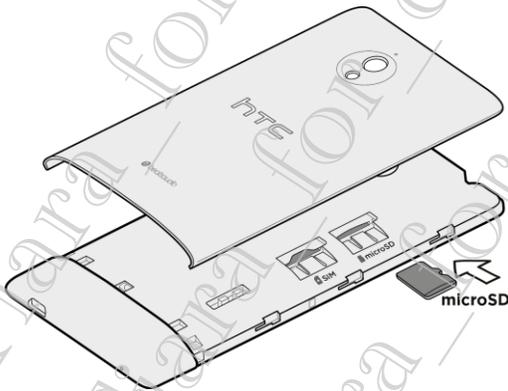
Here are the steps for inserting the microSD card.

1. Turn off the phone.
2. With the back panel facing you, use your thumbs to press the bottom edge of the back cover against the phone.

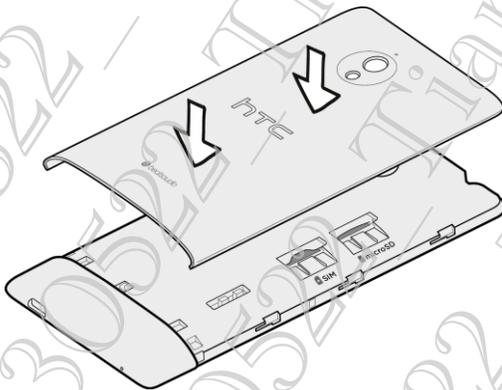
3. Push the back cover up until it disengages from the phone.



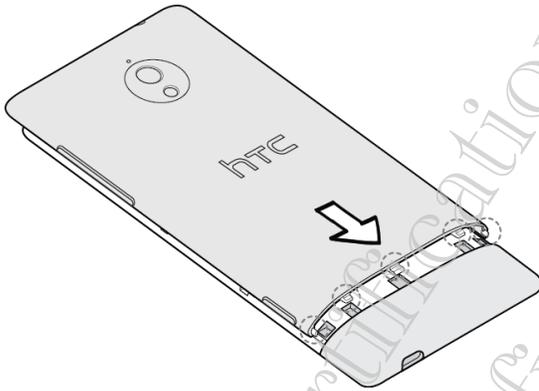
4. Insert the microSD card fully into the slot.



5. Position the back cover with its tabs aligned with the holes on the phone.



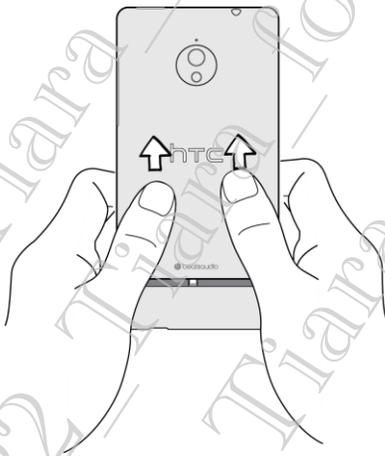
6. Push the back cover downwards until it locks into place. Make sure that there are no gaps around the edges of the phone.



Remove the microSD Card

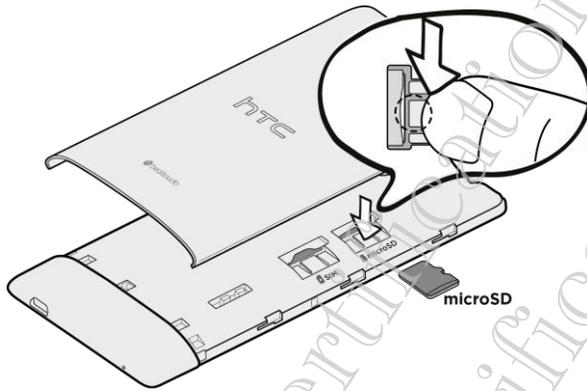
Here are the steps for removing the microSD card.

1. Turn off the phone.
2. With the back panel facing you, use your thumbs to press the bottom edge of the back cover against the phone.

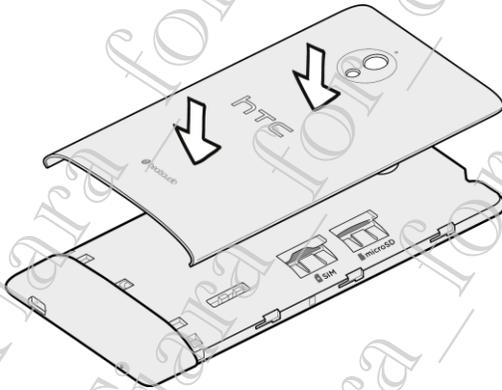


3. Gently push the microSD card into the slot until you hear a click.

4. Push the locking tab with your finger to eject the microSD card from the slot.



5. Remove the microSD card.
6. Position the back cover with its tabs aligned with the holes on the phone.



7. Push the back cover downwards until it locks into place. Make sure that there are no gaps around the edges of the phone.

Check the microSD Card Memory

Determine how much space you have left on your microSD card by checking its memory.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **phone storage**.

You'll see the used and available space on the microSD card. For details on other microSD card options, see [Storage Card Settings](#).

Settings

The following topics provide an overview of items you can change using your phone's Settings menus.

Sound Settings

Change your phone ring tone, switch to silent mode, or enable the attentive features of your phone through various sound settings.

1. On the Start screen, slide to the left.
2. Touch **Settings**.
3. Touch **ringtones+sounds** or **attentive phone**.

Ringtone and Volume

You can change the ringtone by selecting from several sounds that are pre-installed on your phone. You can also adjust the ringer volume by pressing the Volume button.

- ▶ See [Change the Ringtone](#) or [Adjust the Volume](#).

Set Your Phone to Silent Mode

When you keep pressing the Volume button until the volume level reaches zero, this makes your phone vibrate only. To be able to switch your phone to silent mode using the Volume button, you need to turn vibrate off in the settings.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **ringtones+sounds**.
3. Tap the **Vibrate** On/Off switch to turn vibrate off.

Choose Notification Sounds

Choose different sounds for different types of notifications. You can use different sounds for incoming text or chat messages, voicemail, and email notifications.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **ringtones+sounds**.
3. Touch the box for each notification type, and then choose a sound to assign to it. You can also turn on or off notification sounds for reminders and actions such as key press, camera shutter, and more.

Use Attentive Phone Features

When your phone rings or during a call, it can sense and automatically respond to your actions or environment. You can go to the settings to find out what smart features your phone has in store for you.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **attentive phone**.
3. You'll find these settings:
 - **Quiet ring on pickup:** Lowers the ring volume automatically when you hold and pick up your phone.
 - **Pocket Mode:** Makes your phone ring louder when it's in your pocket or bag so you won't miss calls. When your phone is not in your pocket or bag, it rings at the normal volume you've set.
 - **Flip to mute ringer:** Silences the ringer automatically when you flip your phone over.
4. If there's any setting you'd like to disable, just clear its check box.

For more information on attentive phone features and corresponding motion gestures, see [Motion Gestures](#).

Beats Audio

Turn Beats Audio on for a rich sound experience when listening to music or watching videos.

- ▶ See [Beats Audio - Make Your Music Sound Better](#).

Display Settings

Use the display settings to change the screen's accent color and background, adjust the brightness, and more.

Accent Color and Background

Use the theme settings to change the screen's accent color and background (dark or light).

- ▶ See [Change the Theme](#).

Adjust the Screen Brightness Manually

While your phone adjusts the screen brightness automatically based on ambient lighting, you can manually adjust the screen brightness in Settings.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **brightness**.

3. Touch the **Automatically adjust** On/Off switch to turn it off.
4. Select the Level of brightness to use.
5. Touch .

Set the Time Delay Before the Screen Turns Off

After a period of inactivity, the screen turns off automatically to save battery power. You can set the idle time before the screen turns off.

1. On the Start screen, slide to the left.
2. Touch **Settings > lock screen**.
3. Touch the **Screen times out after** box, and then select the time delay that you want.
4. Touch .

Customize the Lock Screen

After a period of inactivity, the screen turns off automatically to save battery power. You can set the idle time before the screen turns off.

1. On the Start screen, slide to the left.
2. Touch **Settings > lock screen**.
3. You can change the following lock screen settings:
 - Choose the lock screen background from your own photo, Bing, or HTC background photo. See [Change the Lock Screen Wallpaper](#).
 - Show the artist on the lock screen when playing music.
 - Choose the app that will show its detailed status on the lock screen (Calendar, for example). See [Customize the Lock Screen Notifications](#).
 - Choose the apps which will show their quick status on the lock screen. See [Customize the Lock Screen Notifications](#).
4. Touch .

Wireless and Internet Settings

These settings will help you set up Mobile Hotspot, or turn your phone's wireless functions on or off.

Share Your Internet Connection

You can transform your phone into a Mobile Hotspot and share your data connection with multiple devices over Wi-Fi.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **internet sharing**.

For more information, see [Use Your Phone as a Mobile Hotspot](#).

Wi-Fi Settings

Use the Wi-Fi settings to turn Wi-Fi on or off, connect to a wireless network, and more.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **Wi-Fi**.

For more information, see [Wi-Fi](#).

Bluetooth Settings

Use the Bluetooth settings to turn Bluetooth on or off, connect to a Bluetooth accessory, and more.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **Bluetooth**.

For more information, see [Bluetooth and NFC](#).

Tap+Send (NFC) Settings

Use the tap+send settings to turn NFC on or off.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **tap+send**.

For more information, see [Share Content with NFC](#).

Cellular and Airplane Mode Settings

The cellular settings let you turn your data connection on or off, set your data and voice roaming options, and select the network mode. Use the airplane mode setting to turn airplane mode on or off.

1. On the Start screen, slide to the left.
2. Touch **Settings**, and then touch:

- **cellular:** For details, see [Turn the Data Connection On or Off](#) or [Enable Data Roaming](#).
- **airplane mode:** For details, see [Airplane Mode](#).

Security and Location Settings

The cellular settings let you turn your data connection on or off, set your data and voice roaming options, and select the network mode. Use the airplane mode setting to turn airplane mode on or off.

Protect Your Phone with a Password

Set a password to help protect your personal information and prevent others from using your phone without your permission.

You'll be asked to enter the password every time you turn on your phone or when the phone resumes after it's left idle for a certain time.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **lock screen**.
3. Touch the **Password** On/Off switch to turn it on.
4. Enter your password in both the New password and Confirm password boxes.
5. Touch **done**.

Location Services Settings

Turn on location services to allow apps to use your location information.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **location**.
3. Touch the **Location services** On/Off switch.

Apps for which you enable location services can now access your current location.

Kid's Corner Settings

Kid's Corner helps to keep your kids away from inappropriate content while they play with your phone.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **kid's corner**.

For details on how to set up Kid's Corner, see [Kid's Corner](#).

Find My Phone Settings

Set up the find my phone feature using your Microsoft account so you can ring, lock, erase, locate, or send apps to your phone from windowsphone.com.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **find my phone**.
3. When prompted, enter your Microsoft account.
4. Select any or all options on the find my phone screen.
5. From your computer, go to windowsphone.com and log in using your Microsoft account.
6. Mouse over **Windows Phone** below your name, and then click **Find My Phone**.



You can now control your phone remotely.

Allow Company Apps to Install on Your Phone

If your phone is company-owned, you may be required to add a company account and allow remote installation of policies, security certificates, and apps that help you connect with your corporate network.

Important: Adding a company account gives network administrators control over some functions and settings of your phone. Talk with your network administrator before you add a company account.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **company apps**.
3. Read the information carefully, and then touch **add account**.
4. Enter your company email address and password, and then touch **sign in**.
5. Follow screen instructions to install apps or hubs from your company.

Remove a Company App Account

1. On the Start screen, slide to the left.

2. Touch **Settings** > **company apps**.
3. Touch the account you want to delete.
4. Touch  twice.

Email and Social Networking Accounts

Use this setting to add email or social networking accounts to your phone.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **email+accounts**.
3. Do any of the following:
 - To add an email account, see [Add an Email Account](#) or [Add a Microsoft Exchange ActiveSync Account](#).
 - To add a social network account, see [Add Your Social Network Account](#).

Keyboard, Language, and Speech Settings

Use these settings to change the keyboard, phone, and speech engine language, regional format, voice recognition settings, and more.

Add a Keyboard Language

You can add a keyboard language and toggle between them by touching the language key  on the onscreen keyboard.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **keyboard**.
3. Touch **add keyboards**.
4. Select the keyboard languages you want to add, and then touch .

For more information about the onscreen keyboard, see [Enter Text, Numbers, and Symbols](#).

Change the Phone Language and Regional Format

Change the phone language and regional format on the fly with the language+region settings.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **language+region**.
3. Change any of the following settings:

- Touch the Phone language box, and then select the phone language you want to use.
- Touch the Country/Region box, and then select your country or region.
- Touch the Regional format box and select the region format.

Note: Selecting a different regional format changes the way your phone displays the date, time, and currency.

- Touch **Browser & search language** box to select another language that you want to use when browsing or searching the Web on your phone.

4. Touch .

Speech Settings

Simply touch and hold  to use speech on your phone. Follow these instructions to change the speech settings on your phone.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **speech**.
3. Change any of the following settings:
 - Select or clear speech options such as audio confirmations and whether you want to use speech when the phone is locked.
 - **Read aloud incoming text messages:** Select the instance when you want your phone to read incoming text messages. See [Accessibility Settings](#).
 - **Text to Speech voice:** Select a female or male voice for text to speech.
 - **Speech language:** Change the speech language.
 - Select the **Enable Speech Recognition Service** to send the words you speak to Microsoft for improving the text recognition service.

4. Touch .

Accessibility Settings

These accessibility settings help make using your phone a lot easier.

Use Text to Speech

You can set your phone to always read incoming text messages.

1. On the Start screen, slide to the left.

2. Touch **Settings** > **speech**.
3. Select the Read aloud incoming text messages box, and touch **always on**.
4. Touch .

Ease of Access Settings

Use the ease of access setting for better screen readability, and enable various accessibility options.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **ease of access**.
3. Change any of these settings:
 - **Text size:** Drag the slider to increase the text size in messaging, email, and other apps.
 - **High contrast:** Turn this option on to have a higher screen contrast.
 - **Screen magnifier:** Turn this option on to magnify areas of the screen by double-tapping it with two fingers.
 - **Speech for phone accessibility:** Turn on to use speech for phone functions such as speed dial and call forwarding.
 - **TTY/TDD.** See [Use TTY/TDD Mode](#).
 - **Telecoil:** Turn on when you're using a hearing device with a telecoil.
4. Touch .

Use TTY/TDD Mode

A TTY (teletypewriter, also known as a TDD or Text Telephone) is a telecommunications phone that allows people who are deaf, hard of hearing, or who have speech or language disabilities, to communicate by telephone.

Your phone is compatible with select TTY phones. Please check with the manufacturer of your TTY phone to ensure that it supports digital wireless transmission. Your phone and TTY phone will connect using a special cable that plugs into your phone's headset jack. If this cable was not provided with your TTY phone, contact your TTY phone manufacturer to purchase the connector cable.

When establishing your Sprint service, please call Sprint Customer Service using the state Telecommunications Relay Service (TRS) by first dialing **7 1 1** . Then provide the state TRS with this number: **866-727-4889**.

Turn TTY Mode On or Off

1. On the Start screen, slide to the left.
2. Touch **Settings** > **ease of access**.
3. Touch the TTY/TDD box and then select **full**, **HCO (hearing carry over)**, or **VCO (voice carry over)**. Select **off** to turn TTY mode off.
4. Touch .

Note: When enabled, TTY mode may impair the audio quality of non-TTY phones connected to the headset jack.

Warning: 911 Emergency Calling

Sprint recommends that TTY users make emergency calls by other means, including Telecommunications Relay Services (TRS), analog cellular, and landline communications. Wireless TTY calls to 911 may be corrupted when received by public safety answering points (PSAPs), rendering some communications unintelligible. The problem encountered appears related to TTY equipment or software used by PSAPs. This matter has been brought to the attention of the FCC, and the wireless industry and the PSAP community are currently working to resolve this.

Power Settings

Check the battery level of phone or turn battery saver on or off.

Check the Battery Level

Check the battery level of your phone.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **battery saver**. The remaining battery level is displayed.

Turn Battery Saver On

When you turn Battery Saver on, your phone automatically turns off some services and features that use battery in the background.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **battery saver**.
3. Touch the On/Off switch to turn Battery Saver on.
4. Touch **advanced**, and then select any of these options:

- **When battery is low.** Battery Saver automatically turns on whenever the battery gets to 20%.
- **Now until next charge.** Battery Saver turns on instantly until the next time you recharge the battery.
- **Always.** Battery Saver is always on.

5. Touch  to save your settings.

Back Up Your Files

When you sign in with your Microsoft account, you'll be able to save things to an online service such as SkyDrive.

When you set up backups on your phone, you can:

- Automatically upload your photos and videos to SkyDrive so you can see them from anywhere you can access the Web.
- Sync your SMS and MMS messages to Hotmail® so you have a backup, just in case.

Create backups of your phone's settings, including the list of apps you've installed, your theme color, Internet Explorer® favorites, accounts, and more.

You can fine-tune your backup options in **Settings > backup**. For example, you can automatically upload your photos and videos at a high resolution, or manually back up your settings anytime.

Storage Settings

Check the available storage on your phone and more using the phone storage settings.

Check the Phone Storage

You can easily check how much phone storage is left so you don't get short of space when saving important stuff.

1. On the Start screen, slide to the left.
2. Touch **Settings > phone storage**. The used and available phone storage and microSD card storage (if you installed one) are displayed.
3. To know what's using your phone or microSD card storage, touch the storage bars.

Free up storage space by transferring files, photos, and videos to your computer or by uploading them to SkyDrive. To learn more, see [Keep Things in Sync](#) and [Back Up Your Files](#).

Storage Card Settings

You can use the phone storage setting to format the microSD card or to safely remove it while the phone is on.

Note: The microSD card is purchased separately.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **phone storage**.
3. Touch the SD card storage bar.
4. Do any of the following:
 - To safely remove the microSD card while the phone is on, touch **remove SD card**, and then touch **yes**. When the Safe to remove message appears, touch **ok**. For details on how to remove the microSD card, see [Remove the microSD Card](#).
 - To format the microSD card, touch **format SD card**. Read the warning message and touch **yes** if you want to proceed.

Update and Reset

Change the phone update settings or reset your phone if it becomes sluggish and unresponsive.

Phone Update Settings

You can set your phone to inform you when an update becomes available for your phone.

- ▶ See [Update Your Phone](#).

Network Profile Update Settings

Update your network profile so you can connect to Sprint network.

- ▶ See [Update Your Network Profile](#).

Factory Reset

Do a factory reset to change your phone back to its original state before the first time you turned it on. If you're passing your phone on to someone else or your phone has a persistent problem that cannot be solved, you can perform a factory reset (also called a hard reset).

Important: Factory reset is not a step to be taken lightly. It'll permanently delete all your data and customized settings, and will remove any apps you've downloaded and installed. Be sure to back up any data and files you want to keep before you do a factory reset.

Perform a Factory Reset via Settings

The most convenient way to do a factory reset is via the settings.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **about**.
3. Touch **reset your phone**, and then touch **yes**.

Perform a Factory Reset Using Phone Buttons

If you can't turn your phone on or access settings, you can still perform a factory reset by using the phone's buttons.

1. Turn the phone off.
2. Press and hold the Volume down button, and then press and hold the Power button.
3. When the phone vibrates, release the Power button when you see an icon on the screen.

Date and Time

Your phone automatically uses the date and time from your network. You can set the date and time manually.

- ▶ See [Correct the Date and Time](#).

Phone Information

Use these settings to check your phone information or to provide feedback.

Check Phone Info

You can find out various information about your phone such as the Windows Phone software version, RAM size, screen resolution, and more.

1. On the Start screen, slide to the left.
2. Touch **Settings** > **about**.
3. Touch **more info** to see the Windows Phone update version and other details.

Provide Feedback

Turn on the feedback setting to send phone usage information to Microsoft and help improve products and services available for your phone.

1. On the Start screen, slide to the left.

2. Touch **Settings** > **feedback**.
3. Touch the **Send feedback** On/Off switch to turn feedback on.

Proprietary Notices and Instructions

©2013 HTC Corporation. All rights reserved.

HTC, the HTC logo, HTC 8XT, and the HTC 8XT logo, are trademarks or service marks of HTC Corporation.

©2013 Sprint. Sprint and the logo are trademarks of Sprint. Other marks are trademarks of their respective owners.

Microsoft, Windows, Windows Phone, ActiveSync, Bing, Excel, Hotmail, Internet Explorer, OneNote, Outlook, PowerPoint, SharePoint, SkyDrive, Windows Live, Windows Media, Windows Vista, and Xbox LIVE are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

Google and Gmail are trademarks of Google Inc.

The Bluetooth® word mark and logos are registered trademarks by Bluetooth SIG, Inc. and any use of such marks by HTC Corporation is under license.

Wi-Fi® is a registered trademark of the Wireless Fidelity Alliance, Inc.

microSD is a trademark of SD-3C LLC.

Beats, BeatsAudio, and the b logo are trademarks of Beats Electronics, LLC.

Facebook is a trademark of Facebook, Inc.

Twitter is a trademark of Twitter, Inc., and is used under license.

LinkedIn is a registered trademark or trademark of LinkedIn Corporation and its affiliates in the United States and/or other countries.

LTE is a trademark of European Telecommunications Standards Institute (ETSI). Registered for the benefit of members.

All other company, product and service names mentioned herein are trademarks, registered trademarks or service marks of their respective owners.

The HTC Sync Manager software can be used with copyrighted materials that you own or are lawfully authorized to use and/or duplicate. Unauthorized use and/or duplication of copyrighted material may be a violation of copyright law in the United States and/or other countries/ regions. Violation of U.S. and international copyright laws may subject you to significant civil and/or criminal penalties. HTC Corporation shall not be held responsible for any damages or losses (direct or indirect) that you may incur as a result of using this software.

Screen images contained herein are simulated. HTC shall not be liable for technical or editorial errors or omissions contained herein, nor for incidental or consequential damages resulting from furnishing this material.

The information is provided “as is” without warranty of any kind and is subject to change without notice. HTC also reserves the right to revise the content of this document at any time without prior notice. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or storing in a retrieval system, or translated into any language in any form without prior written permission of HTC.

Other Helpful Resources

For health, safety, and regulatory information, please read the Important Information Guide that’s included in the box.

In addition to this user guide, you can find help information, FAQs, and more in support.htc.com.

To learn a lot more about using Windows Phone, open **Help+Tips** on your phone. Or use your Web browser and go to windowsphone.com.

Note: Certain Windows Phone features or Microsoft services may not be available in some countries or regions.

Radio Frequency Exposure Operating Instructions

This device was tested for typical body-worn operations per the FCC’s radio frequency (RF) safety requirements. To comply with these RF exposure requirements, use a belt-clip, holster, or similar accessory with this device to maintain a minimum separation distance of 1.0 cm between the user’s body and the handset, with the device oriented with either the front or back of the device facing towards the user’s body. Such accessories should not contain any metallic components. Body-worn accessories that do not meet these requirements may not ensure compliance with FCC RF exposure guidelines and their use should be avoided.

Windows Phone 8 Software License Terms

These license terms are between you and HTC (“Company”), the party distributing the software and device. These terms apply to the software that came preinstalled on your device, including the media on which you may have received the software. Please read them.

The software on this device includes software licensed by Company from Microsoft Corporation or its affiliates.

These terms also apply to any Company or Microsoft

- updates,
- supplements,
- Internet-based services, and
- support services

for this software, unless those items are accompanied by specific terms. And if so, those terms apply.

You are responsible for using your device in a safe and legal manner.

If you comply with these license terms, you have the rights below.

1. USE RIGHTS.

You may use the software only on the device with which you acquired the software.

2. ADDITIONAL LICENSING REQUIREMENTS AND/OR USE RIGHTS.

a. Other Software, Web Sites and Services. These license terms apply to software included with the device. The software may include third party software and other copyrighted material. Applicable terms, attributions and disclaimers for third party software and copyright material that may be included in the software may be found at <http://go.microsoft.com/fwlink/?LinkId=254125>. Additional terms may also govern your installation and use of other software or services offered for use with your device, including those provided by Microsoft, Company or your network operator. If there are separate license terms provided with any programs that grant additional rights (and that do not expressly conflict with these license terms) you also have those rights.

You may be able to access third-party Web sites or services from the device. Microsoft is not responsible for third party Web sites, services or content available through those third-party Web Sites and services. You are solely responsible for your dealings with third parties (including advertisers). Your use of third party Web sites or services may be subject to that third party's terms and conditions.

Your device may include access to Facebook content and services. If so, the Facebook terms for users are located at: <http://www.facebook.com/#!/terms.php?ref=pf>.

b. Device Functionality. All or certain portions of the device software may be inoperable if you do not have and maintain a service account with a network operator, or if the network operator's network is not operating or configured to operate with the device.

c. Windows Phone Update. The Windows Phone Update ("WPU") feature of your device is designed to periodically check for updates to the software on your device and to notify you when updates are available. During installation of updates, you may not be able to use your device or device services. In certain cases, installation of an update may be required before you are able to use all or certain features of the device or device services. Software updates available through the WPU feature will be governed by these license terms. If the update is accompanied by new license terms, then those terms apply.

You may only obtain updates to the software from Microsoft or authorized sources.

Except as may be otherwise noted in the terms accompanying an update or supplement, if you obtain updates or supplements to the Microsoft software directly from Microsoft, Microsoft licenses those to you as described in these terms and the Windows Phone Terms of Use.

d. Services. Except as otherwise specified in these terms, your use of any services on the device may be subject to terms of use or terms of service that may accompany the services and data charges may apply.

3. SCOPE OF LICENSE.

The software is licensed, not sold. These terms only gives you some rights to use the software. Company and Microsoft reserve all other rights. Unless applicable law gives you more rights, you may use the software only as expressly permitted in these terms. In doing so, you must comply with any technical limitations in the software that allow you to use it only in certain ways. You may not:

- work around any technical limitations in the software;
- reverse engineer, decompile or disassemble the software;
- make more copies of the software than specified in these terms;
- publish the software for others to copy;
- rent, lease or lend the software; or
- use the software for commercial software hosting services.

4. CONSENT TO INFORMATION COLLECTION.

Microsoft provides Internet-based services with the software. These services may be changed or cancelled at any time. Certain features of the software and services connect to Microsoft or

service provider computer systems over the Internet. In some cases, you will not receive a separate notice when they connect. In some cases, you may switch off these features or not use them. Microsoft uses certain information collected from you to operate and provide the services. Additionally, as part of the services, Microsoft may also automatically upload information about your device, your use of the services and services performance. Please read the Windows Phone 8 Privacy Statement, available at <http://go.microsoft.com/fwlink/?LinkID=247437>, to learn how Microsoft uses and protect your information. By using these services, you consent to the collection, use and disclosure of your information in accordance with the Windows Phone 8 Terms of Use, available at <http://go.microsoft.com/fwlink/?LinkID=247448> and the Windows Phone 8 Privacy Statement.

5. MAPPING FEATURE AND THIRD PARTY DATA COLLECTION.

Some of the mapping features and services on your device may be provided by Nokia. For example, maps and traffic information may be retrieved from Nokia online services and you may be able to download maps from a Nokia service in the maps settings menu. By using mapping features and services provided by Nokia, you agree to the Nokia Service Terms (available at <http://nokia.mobi/privacy/services/terms/nokia-service>). Information provided in the mapping features and services may include inaccuracies or typographical errors, and local conditions may be different than what is reflected on the map and related features and services. Please note, changes are periodically made to map information. Microsoft disclaims any responsibility and liability for any harm resulting from your use of the map and its features and related services.

As part of delivering these services, Nokia may collect certain information about your device and use of the services to provide and improve Nokia services. Learn more about Nokia information collection practices here: <http://maps.nokia.com/services/terms#privacyPolicyDiv>

6. PLAYREADY.

Content owners use Microsoft PlayReady content access technology to protect their intellectual property, including copyrighted content. Your device uses PlayReady technology to access PlayReady-protected content and/or WMDRM-protected content. If the device fails to properly enforce restrictions on content usage, content owners may require Microsoft to revoke the device's ability to consume PlayReady-protected content. Revocation should not affect unprotected content or content provided by other content access technologies. Content owners may require you to update PlayReady to access their content. If you decline an update, you will not be able to access content that requires the update.

7. NOTICES ABOUT THE AVC/H.264, VC-1, AND MPEG-4 VISUAL STANDARDS.

The software may include AVC/H.264, VC-1 and MPEG-4 visual codec technology. This technology is a format for data compression of video information. MPEG LA, L.L.C. requires this notice:

USE OF THIS PRODUCT IN ANY MANNER THAT COMPLIES WITH THE AVC/H.264, VC-1, and MPEG4 VISUAL STANDARDS IS PROHIBITED, EXCEPT FOR USE DIRECTLY RELATED TO

(A) DATA OR INFORMATION

(i) GENERATED BY AND OBTAINED WITHOUT CHARGE FROM A CONSUMER NOT THEREBY ENGAGED IN A BUSINESS ENTERPRISE, AND

(ii) FOR PERSONAL USE ONLY; AND

(B) OTHER USES SPECIFICALLY AND SEPARATELY LICENSED BY MPEG LA, L.L.C.

If you have questions about the AVC/H.264, VC-1, and MPEG-4 visual standards, please contact MPEG LA, L.L.C., 250 Steele Street, Suite 300, Denver, CO 80206: <http://www.mpegla.com>.

8. NETWORK ACCESS.

If you are using a network, such as an employer network, the network administrator is able to limit features or functionality on your device. Additionally, the network administrator is able to remotely delete your content and settings, including content on an SD card (if SD cards are supported on your device).

9. PRODUCT VALIDATION.

Product validation associates the use of the software with a specific device. For more information, see <http://go.microsoft.com/fwlink/?LinkID=247437>. You are not permitted to bypass or circumvent product validation. You may be prompted to validate the software manually by contacting support; service charges may apply. If Microsoft detects misuse of a product validation key, Microsoft may revoke the key and you may not be able to continue use of the software or some features of the software. In addition to validation, a genuine Microsoft Certificate of Authority label may accompany your software. This label must be affixed to the manufacturer's packaging; if you receive it separately, it is invalid.

10. TRANSFER TO A THIRD PARTY.

You may transfer the software only with the device, and these license terms directly to a third party. Before the transfer, that party must agree that these license terms apply to the transfer and use of the software. You may not retain any copies of the software.

11. NO WARRANTIES FOR THE SOFTWARE.

The software is licensed "as is". You bear the risk of using it. Microsoft gives no express warranties, guarantees or conditions. You may have additional consumer rights under local laws that these terms cannot change. To the extent permitted under your local laws, Microsoft excludes the implied warranties of merchantability, fitness for a particular purpose and non-infringement.

12. LIABILITY LIMITATIONS.

Except for any refund Company may provide, you cannot recover any other damages, including direct, consequential, lost profits, special, indirect or incidental damages.

This limitation applies to:

- anything related to the software, services, content (including code) on third party Internet sites or third party programs, and
- claims for breach of contract, breach of warranty, guarantee or condition, strict liability, negligence, or other tort to the extent permitted by applicable law.

It also applies even if

- repair, replacement or a refund for the software does not fully compensate you for any losses; or
- Microsoft knew or should have known about the possibility of the damages.

Some states, countries or other territories do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. They also may not apply to you because your country may not allow the exclusion or limitation of incidental, consequential or other damages.

13. EXPORT RESTRICTIONS.

The software is subject to United States export laws and regulations. You must comply with all domestic and international export laws and regulations that apply to the software. These laws include restrictions on destinations, end users and end use. For additional information, see <http://www.microsoft.com/exporting>.

Index

- 3G, 75
- 3-Way Calling, 32
- 4G, 75
- Accessibility, 127
 - Ease of Access, 128
 - Text to Speech, 127
 - TTY/TDD, 128
- Accessibility Settings, 127
- Accessory Jack, 9
- Account Passwords, 5
- Accounts, 51
- Activation, 2
- Airplane Mode, 39
- Alarm, 101
- Android Beam. See NFC
- Answer a Call, 31
- Appointment
 - Create, 99
 - Edit, 99
- Apps
 - Open, 21
 - Switch Apps, 21
- Apps
 - Uninstall, 62
- Apps and Settings, 21
- Back Key, 8
- Back Up, 130
- Back Up Settings, 130
- Bar Code, 82
- Battery Level, 129
- Battery Saver, 129
- Battery Settings, 129
- Beats Audio, 71
- Bing, 80
 - Music Search, 85
 - Scan Search, 81
 - Search for Information, 80
- Bluetooth, 110
 - Accessory, 110
 - Disconnect Accessory, 110
 - Unpair Accessory, 111
- Browser, 83
- Burst Mode, 91
- Calculator, 101
- Calendar, 98
 - Create Appointment, 99
 - Day or Agenda View, 98
 - Edit Appointment, 99
 - Month View, 98
 - Quickly Create Appointment, 99
 - Send Invitation, 99
 - Show or Hide, 100
 - Sync, 100, 101
 - To-Do Task, 100
 - Views, 98
- Call
 - Add a Call, 32
 - End, 33
 - Mute Microphone, 32
 - Show the Keypad, 32
 - Speaker On, 32
- Call Forwarding, 34
- Call Log, 34
- Call Services, 33
 - Call Forwarding, 34
 - Call Waiting, 33
 - Caller ID, 33
- Call Waiting, 33
- Caller ID, 33
- Camera, 86
 - After Capture, 88
 - Front Camera, 9
 - HTC Camera, 89
 - Launch the Camera, 86
 - Record Video, 88
 - Take a Photo, 87
 - Zooming, 87
- Camera Button, 9
- Camera Scenes, 93
 - HDR, 94

- Panorama, 93
- Portrait, 93
- Certificates, 125
- Charger/Accessory Jack, 9
- Chat, 56
- Company Apps, 125
- Contact Groups
 - Change Preference, 45
 - Create, 44
 - Edit, 45
 - Rearrange, 45
 - Send Message, 44
- Contacts List, Contacts, 40
- Cursor, 26
- Data Connection
 - Share, 79
- Data Sense, 76
- Data Services
 - 3G, 75
 - 4G LTE, 75
 - Indicators, 75
 - Password, 5
 - Roaming, 76
 - Turn On or Off, 76
- Date & Time Settings, 132
- Display Settings, 120
 - Accent Color, 120
 - Background, 120
 - Brightness, 121
 - Lock Screen, 121
 - Screen Time Off, 121
- Drag, 14
- Earpiece, 9
- Ease of Access, 128
- Email, 51
 - Account Settings, 55
 - Add Account, 51
 - Add Exchange ActiveSync, 52
 - Compose and Send, 53
 - Inbox, 52
 - Link Email Inboxes, 53
 - Manage Email Messages, 54
 - Manage Individual Messages, 55
 - Manage Multiple Messages, 54
 - Microsoft Account, 51
 - Switch Folders, 55
 - Unlink Email Inboxes, 53
- Email Account Settings, 125
- Emergency Numbers, 29
- Enhanced 911 (E911), 29
- Enter Numbers, Symbols, 26
- Enter Text, 25
 - Caps Lock, 26
 - Cursor, 26
 - Predictive Mode, 27
- Entertainment Apps, 61
- Exchange ActiveSync Email, 52
- Factory Reset, 132
 - Via Buttons, 132
 - Via Settings, 132
- Feedback, 133
- Flick, 15
- Gestures, 13
- Hard Reset, 132
- HDR, 94
- Headset Jack, 9
- History, 34
 - Erase, 36
 - Make a Call, 35
 - Open, 35
 - Save a Number, 35
- HTC Burst, 91
- HTC Camera, 89
 - Burst Shots, 91
 - Choose Effects, 90
 - Flash Mode, 91
 - Front Camera, 92
 - Open, 89
 - Scenes, 93
 - Self-Portrait, 92
 - Set Camera Button, 90
 - Set Up, 90
 - Settings, 94
 - Switch Cameras, 90
 - Take a Photo, 91
 - Video Quality, 93
 - Viewfinder Screen, 89
- HTC Hub, 104

- News Feed, 108
- Stocks, 106
- Weather, 104
- Hubs
 - People, 40
- IMAP Email, 51
- In-call Options, 32
- Incoming Call
 - Answer, 31
 - Mute Ringtone, 31
 - Reject, 31
- Internet Explorer, 83
 - Share Link, 84
 - Tab Browsing, 84
- Internet Settings, 122
 - Internet Sharing, 122
- Keyboard, 25
 - Change Language, 27
- Keyboard Settings, 126
 - Add Language, 126
- Kid's Corner, 72
 - Close, 73
 - Launch, 73
 - Set Up, 73
- Language Settings, 126
 - Change, 126
- LED, 9
- Local Scout, 69
 - Change Searches, 70
 - Find Another Place, 70
 - Find Nearby Places, 69
- Locate Phone, 124
- Location Service
 - Turn On, 66
- Location Settings, 123
- Lock Screen, 11
 - Change Notifications, 13
 - Change Wallpaper, 12
 - Unlock, 11
- Long Distance Calls, 30
- Lost Phone, 124
- LTE, 75
- Maps, 66
 - Find Your Location, 66
 - Get Directions, 69
 - Navigate the Map, 66
 - Pushpins, 67
 - Search Place, Address, 67
 - Share Address, 68
- Maps & Location, 66
- Me Tile, 48
- Messaging, 51
 - Chat, 56
 - Copy Paste Message, 59
 - Delete Conversation, 60
 - Delete Message, 60
 - FAQ, 59
 - Forward Message, 59
 - Manage Conversations, 59
 - Manage Messages, 59
 - Send MMS, 58
 - Send SMS, 56
- microSD Card, 114
 - Check Capacity, 118
 - Insert, 115
 - Remove, 116
- Microsoft Account, 51
- Microsoft Tag, 82
- MMS, 58
 - Reply, 58
- Mobile Hotspot, 79
- Motion Gestures
 - Flip to Mute, 17
 - Pick Up to Lower Volume, 17
- Pocket Mode, 18
- Rotate Screen, 16
- Music, 71
 - Beats Audio, 71
 - Play Music, 71
- Music Search, 85
- Music+Videos, 71
- My Profile
 - Set Up, 48
- Network Profile, 131
- Network Updates, 131
- News Feed, 108
 - Instant Updates, 109
 - Read, 108

- Subscribe, 108
- Unsubscribe, 109
- NFC, 110, 111
 - Turn On or Off, 111
- Office Hub, 102
- OneNote, 102
- Supported Files, 102
- OneNote Mobile, 102
 - Compose Note, 103
 - Manage Note, 104
 - Share or Sync Note, 103
- Onscreen Keyboard, 25
- Panorama, 93
- Password, 123
- People, 40
 - Add an Entry, 41
 - Add Contacts, 41
 - Check In, 49
 - Comment, 49
 - Contact Groups, 44
 - Delete an Entry, 43
 - Edit an Entry, 42
 - Filter List, 41
 - Filter Social Updates, 50
 - Find, 41
 - Jump to a Section, 41
 - Manage the List, 42
 - Merge, 43
 - My Profile, 48
 - Post a Message, 49
 - Post to Social, 49
 - Rooms, 46
 - Unlink Profile, 43
- People Hub, 40
- Phone, 29
 - Emergency Numbers, 29
 - International, 30
 - Make Calls, 29
 - Receive, 31
- Phone Information, 132
- Phone Layout (illustration), 8
- Photo, 87
- Photos

- Photos Hub, 94
 - View Pictures and Videos, 94
- Photos Hub
 - Add Favorites, 95
 - Change Background, 95
 - Share Photos, 96
 - View Pictures and Videos, 95
- Pinch, 15
- Podcasts, 71
 - View Podcasts, 71
- Policies, 125
- POP3 Email, 51
- Portrait Shot, 93
- Power Button, 9
- Power Off, 10
- Power On, 10
- Power Options, 10
 - Turn Phone Off, 10
 - Turn Phone On, 10
- Power Settings, 129
 - Battery Level, 129
 - Battery Saver, 129
- Predictive Mode, 27
- QR Code, 81
- Regional Format
 - Change, 126
- Regional Settings, 126
- Reject a Call, 31
- Remote Wipe, 124
- Reset Phone, 131, 132
- Restart Phone, 10
- Restore Phone, 132
- Ringtone
 - Change, 23
- Rooms, 46
 - Create, 46
 - Invite, 46
 - Leave, 47
 - Manage, 47
 - Rearranging, 47
- Scan Search, 81
 - Barcode, 82
 - Copy Paste Scanned Text, 82
 - Covers, 82

- Microsoft Tag, 82
- Previous Image Search, 83
- QR Code, 81
- Text, 82
- Scout by Telenav, 70
 - Set Up, 70
 - Use Scout, 71
- Screen Off, 11
- Search, 80
- Search Key, 9
- Security Settings, 123
 - Password, 123
- Settings, 119
 - Company Apps, 125
 - Display, 120
 - Find My Phone, 124
 - Getting To, 22
 - Keyboard & Language, 126
 - Kid's Corner, 124
 - Location Services, 123
 - Screen Capture, 21
 - Sound, 119
- Setup, 3
- Setup Application, 3
- SIM Card, 114
- Sleep Mode, 10, 11
 - Off, 11
 - On, 11
- Slide, 14
- SMS, 56
 - Reply, 58
- Social Network, 60
 - Add Account, 60
- Social Networking Account Settings, 125
- Sound
 - Attentive Phone, 120
 - Beats Audio, 120
 - Notification Sounds, 119
 - Ringtone, 119
 - Silent Mode, 119
 - Volume, 119
- Sound Settings, 119
- Speech Settings, 126
 - Change, 127
- Spread, 15
- Sprint 411, 6
- Sprint Account Management, 5
- Sprint Music Plus, 72
- Sprint Operator Services, 7
- Sprint TV, 72
- Start Key, 8
- Start Screen, 19
 - Customize, 19
 - Pin Items, 20
 - Tiles, 19
 - Unpin Items, 20
- Status Bar, 22
- Status Icons, 22
- Stocks, 106
 - Add Quote or Index, 107
 - Change Settings, 108
 - Delete Quote or Index, 107
 - Pin to Start, 106
 - Rearrange List, 107
- Storage, 130
 - Check, 130
 - Storage Card, 131
- Storage Card
 - Options, 131
- Storage Settings, 130
- Swipe, 14
- Sync Files, 28
- Teletypewriter, 128
- Tethering, 79
- Text Entry, 25
- Text Messages, 56
- Text to Speech, 127
- Theme, 21
- Tiles
 - Rearrange, 19
 - Resize, 19
- To-Do Task, 100
- Tools, 98
- Touch, 13
- Touch and Hold, 14
- Touch Gestures, 13
- Touchscreen, 9
 - Navigation, 13

- Turn Off, 10
- Turn On, 11
- Transfer Content
 - Other Ways to Transfer, 4
 - Transfer Contacts, 4
- Transfer Data, 28
- TTY/TDD, 128
- Type Text, 25
- Update Phone, 112
 - Correct Date and Time, 114
 - Install, 113
 - Notification, 113
 - Prepare, 113
 - Update Your Network Profile, 114
- Update Settings, 131
- Updates Settings, 131
- Upgrade, 112
- Upgrades, 131
- User Name, 75
- Video, 88
- Videos, 71, 86
 - Watch Videos, 71
- Visual Voicemail, 36
 - Review Messages, 37
 - Set Up, 36
- Voice Command, 24
 - More Speech Command, 24
- Voicemail, 37
 - Password, 5
 - Retrieve Messages, 38
 - Setup, 4, 37
- Volume
 - Adjust, 23
 - Silent Mode, 24
 - Volume Button, 9
- Wallet, 62
 - Add a Payment Card, 63
 - Add Other Payment Cards, 63
 - Delete a Payment Card, 64
 - Edit a Payment Card, 64
 - Open, 62
 - Secure, 64
- Weather, 104
 - Add City, 105
 - Change Settings, 105
 - Delete Cities, 105
 - Rearrange Cities, 105
- Web, 75
- Web Connection, 75
- Wi-Fi
 - Connect, 78
 - Disconnect, 79
 - Hidden Network, 78
 - Turn On or Off, 78
 - Wi-Fi Connection, 78
- Windows Phone Store, 61
 - Install Apps, 61
 - Set Up Payment, 62
- Wireless Settings, 122
 - Airplane Mode, 123
 - Cellular, 123
 - NFC, 122
 - Tap+Send, 122
 - Wi-Fi, 122
- Word Prediction, 27
- Xbox LIVE, 65
- Xbox LIVE Extras, 65
- Zoom, 15
- Zooming, 87