sonim. XP10
USER GUIDE

GENERAL INFORMATION

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DISPOSAL OF OLD ELECTRICAL AND ELECTRONIC EQUIPMENT

The symbol of the crossed-out wheeled bin indicates that within the countries in the European Union, this product, and any enhancements marked with this symbol, cannot be disposed as unsorted waste but must be taken to separate collection at their end- of-life.

DISPOSAL OF BATTERY

Please check local regulations for disposal of batteries. The battery should never be placed in municipal waste. Use a battery disposal facility if available.

GUIDELINE FOR HEADPHONE AND EARPHONE

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

REGISTER YOUR PHONE

Please register your phone at http://sonimxperience.com/registration_portal/portal/registration.php to receive product information and updates.

3 YEAR COMPREHENSIVE WARRANTY

Sonim devices are covered by a 3-year comprehensive warranty. (1 year for the battery).

Congratulations on the purchase of a Sonim XP10 (XP9900) mobile phone! This phone is 5G smart phone and has an intuitive feature-rich user interface, which allows you to make the best use of offered functions.

PHONE MODELS COVERED

This user guide covers Sonim XP10 phone with the model number XP9900.

SONIM SUPPORT INFORMATION

For additional product and support information, visit www.sonimtech.com or contact our Sonim Customer Experience Center at 1-833-MY-SONIM (1-833-697-6646), 24-hours a day, Monday to Friday (eastern time) and 9:00am-6:00pm Saturday & Sunday (eastern time).

Manufacturer's address:

6500 River Place Blvd. Building 7, Suite 250, Austin, TX 78730, USA. Tel: 1-650-378-8100.

USE THE GUIDE EFFECTIVELY

Familiarize yourself with the terminologies and symbols used in the guide to help you use your phone effectively.

HOME SCREEN	This is the screen displayed when the phone is in standby mode.
TOUCH & HOLD	Touch and hold an item on the screen by touching it and not lifting your finger until an action occurs.
DRAG	Touch and hold an item for a moment and then, without lifting your finger, move your finger on the screen until you reach the target position.
SWIPE OR SLIDE	Quickly move your finger across the surface of the screen, without pausing when you first touch. For example, you can slide a home screen left or right to view the other home screens.
DOUBLE TAP	Tap quickly twice on a web page, map or other screens to zoom.
PINCH	In some applications, you can zoom in and out by placing two fingers on the screen at once and pinching them together or spreading them apart.

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BATTERY USAGE

Your Sonim XP10 phone comes with a removable battery. For any battery related queries, contact Sonim customer support.

• Use only a Sonim XP10 certified battery that is designed for this phone model.

• The use of other batteries may void the warranty terms of your phone and cause damage.

• It is recommended to protect the battery from extreme temperature environments and moisture.

• Please keep the battery out of the reach of children.

INSERTING THE BATTERY

1. UNSCREW COVER

Using the Sonim screwdriver provided in your box, remove the battery cover door by unscrewing the screw in a counter clockwise direction. Sometimes the battery cover may be tight and some extra effort is required to open it.
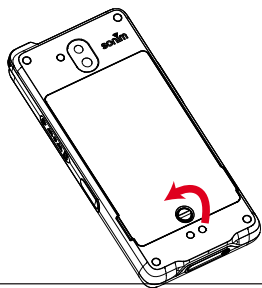
2. LIFT THE COVER

Lift the back cover to reveal the battery slot.

3. INSERT BATTERY

Insert the battery into the battery slot such that the metallic contacts at the bottom of the battery are aligned with the metallic contacts within the battery compartment.

4. CLOSE COVER

Close the battery cover and screw the battery door by screwing the screw in a clockwise direction. Please ensure you do not over-tighten the screws.

DISPOSAL OF BATTERY

Please check local regulations for disposal of batteries. The battery should never be placed in municipal waste. Use a battery disposal facility if available.

CHARGING THE BATTERY

The battery delivered with your mobile phone is not fully charged.

We recommend that you charge your mobile to full charge before you use your mobile phone for the first time.

Only the power supplies with outputs meet the SELV requirements can be used for charging. The maximum allowable input voltage for the phone is 12V.

There is a risk of explosion or fire if you charge or attempt to charge an incorrect battery in this phone.

If the battery is completely out of charge, it can take several minutes for the charging icon to appear when the charger is connected.

WARNING

ONLY REPLACE THE BATTERY WHEN YOU ARE IN A NON-HAZARDOUS LOCATION.

1. INSERT CHARGER

Insert the charger plug into a power outlet.

2. CONNECT TO THE PHONE

The charging port is located at the bottom of the phone and is covered by the charging port lid. Open the charging port lid and insert the charging connector to the charging port.
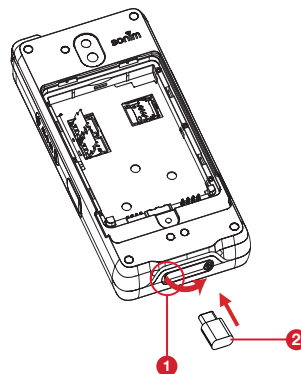
❶ Open the charging port lid

❷ Insert the charging connector

3. CHARGING ANIMATION/ICON

- If the battery is being charged when the phone is switched off, a battery charging animation with current battery level is displayed.

- If the battery is being charged while the phone is switched on, the battery icon on the status bar shows the animation indicating that the battery is being charged.

- After the battery is fully charged the charging animation stops and you can disconnect the charger from the phone.

VERIFYING AND OPTIMIZING BATTERY USAGE

The current battery level (charging or not charging) is displayed on the top of the screen. You can check the battery usage status and to optimize your battery life, you may choose to close applications.

From the Home screen, swipe up to access **App** screen, tap on **Settings (⚙) > Battery (🔋)**. Tap on **Battery usage** to view the battery level over time since you last charged the device, and how long you have been running on battery power and approximately how much battery life you have left.

The list at the bottom of the screen shows the breakdown of battery usage for individual apps and services. Touch any listed items for more details. The details screen for some apps includes buttons that allow you to adjust settings affecting power usage, or stop the application completely.

> 📄 If you stop some apps or services, your device may not work correctly.

YOUR SIM/SD CARD

INSERTING THE SIM CARDS

To access the SIM Card slots, use your Sonim screwdriver to remove the battery door screw and then remove the battery. The SIM card slots will be found under the battery.

1. UNSCREW COVER

Use the Sonim screwdriver provided in your box to unscrew the battery cover on the back of the phone.
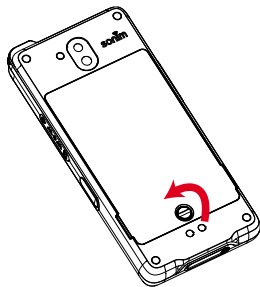
2. REMOVE THE COVER AND THE BATTERY

From the back of the phone, insert your fingernail into the back removal notches at the bottom left and right corner and gently pull up to remove the back cover.
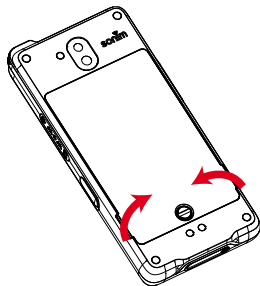
Take the battery out.

3. OPEN THE SILVER CLIPS

Slide (push to the left side) and lift the silver clips over the SIM slots.
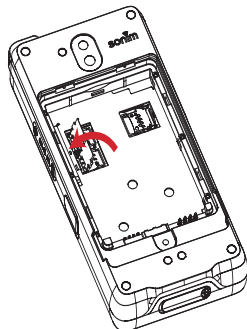
4. INSERT SIM CARDS

Select the SIM card tray in use. Insert the new SIM card into the silver clip.

Close the silver clip by sliding it to the right until you hear a click to lock it in place.
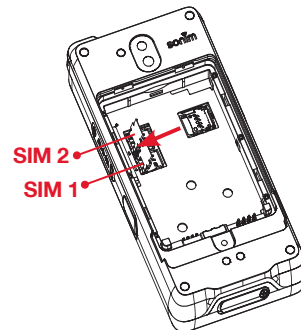
SIM CARD

The SIM (Subscribert Identity Module) card associates your network services (for example, phone number, data services, etc.) with your phone. The Sonim XP10 device comes with Dual SIM card and Memory card trays.

INSERTING SD CARD

To access the SD card slot, use your Sonim screwdriver to remove the battery door screw and then remove the battery. The SD card slot will be found under the battery.

1. SLIDE THE SILVER CLIP

Slide (push to the right side) and lift the silver clip over the SD card slot.
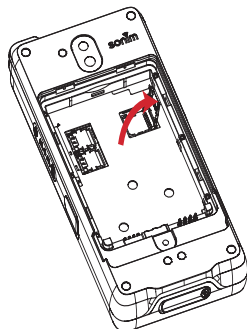
2. PLACE THE SD CARD

Place the Micro SD card into the silver clip.

Close the silver clip by sliding it to the left until you hear a click to lock it in place.
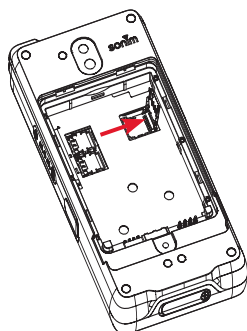
3. USE SONIM SCREWDRIVER

You can use the Sonim provided screwdriver tool to open the screw.

GETTING STARTED

WHAT IS IN THE BOX?

The list of items in the Sonim XP10 phone box are:

- Sonim XP10 phone
- Battery
- Quick Start Guide
- Screwdriver
- USB Type C Charging Cable
- Battery Cover

PHONE SPECIFICATIONS

FEATURE	DESCRIPTION
Chipset	Qualcomm SM4350 Pro, Octa core 64bits processor
Band	**5G:** n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/ n77/n78/n79 **LTE:** B1/B2/B3/B4/B5/B7/B8/B18/B19/B20/ B28/B34/B38/B39/B40/B41/B42/B43/B46/ B48 **UMTS:** I / II / V / VIII **GSM:** 850/900/1800/1900MHz
Antenna	FPC + LDS
Wi-Fi	Dual bands (2.4G/5G) 802.11 a/b/g/n/ac/mc/e/h/i/k/r 2x2 MU-MIMO with hotspot Wi-Fi Direct Wi-Fi Voice Enterprise
Memory	6GB DDR4 + 128GB UFS, Micro SD card up to 1TB
CONNECTIVITY	
Bluetooth	BT5.1 + BLE
NFC	13.56 MHz
Battery	Removable Li-Ion Polymer, 3.87Vdc, 5000mAh (Typical Capacity), 4850mAh (Rated Capacity)
Battery Life	Standby: up to 500 hours Talk time: up to 30 hours
GPS	GPS/a-GPS, GLONASS, Galileo, Beidou
Sensors	Accelerometer, Barometer, Compass, Gyroscope, Light, Magnetometer, Fingerprint, Proximity
Wireless Charging	Yes
2-pin Charging	Yes

FEATURE	DESCRIPTION
PHYSICAL CHARACTERISTICS	
Operating temperature	-20ºC to +55ºC
Size	161 mm x 77.5 mm x 16.4 mm
Weight	Approx. 320 gms
Dedicated keys	Power Key/PTT Key/Volume Keys/Application key and Emergency key
Ports	USB Type C, SecureAudio™ Connector
Instrinsic Safety*	ATEX/IECEx Zone 2/22 *only IS non-incendive Class 1, Div 2 compliant with the SecureAudio connector covered with the cap as shown in the image on the left.
DISPLAY	
Size	5.5" 1080p with outdoor visibility & low power consumption, Glove touch
Outdoor Visibility	Yes
Color	16.7 M
Brightness	500 nits
AUDIO	
Microphone	Two Microphones with Goodix Echo and noise cancellation technology
Speaker	Dual Front-Facing Ultra-Loud speaker, HD voice support
Receiver	Receiver Compliant HAC, HD voice support
MULTIMEDIA	
Audio Formats	AMR-NB, AMR-WB, AAC, AAC+, AAC+V2, MP3
Video Formats	3GP, MP4, AVI, MOV, MPEG-2, MPEG-4, H.263, H.264, H-265
Image Formats	JPEG
Graphic Formats	JPEG, PNG, and BMP
Camera	Dual rear: 50MP + 8MP wide FOV Front: 8MP
Flashlight	Yes

USING YOUR SONIM XP10

1. **1.** Emergency Button
2. **2.** Secondary Microphone
3. **3.** LED Notification
4. **4.** USB-Type C Port
5. **5.** Power Button
6. **6.** PTT Button
7. **7.** Volume Up/Down Button
8. **8.** Display
9. **9.** App Tray
10. **10.** Earpiece
11. **11.** Light/Proximity Sensor
12. **12.** Front Camera
13. **13.** Status and notifications bar

14. Google Search Bar
15. Primary Microphone and Loud Speakers
16. Fingerprint Sensor
17. SecureAudio™ Connector
18. Application Button
19. Flashlight
20. Rear Cameras
21. Battery Cover
22. Battery Cover Screw
23. Charging Pins
24. SIM Cards Slot (under battery)
25. SD card Slot (under battery)
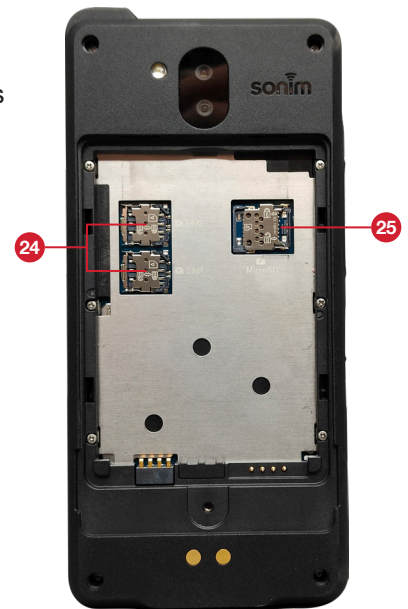
SWITCHING ON THE PHONE

Press and hold **Power** button for 4-5 seconds to turn **ON** your phone.

When the phone is switched on, it tries to register with the network. After successful registration, the name of the service provider is displayed.

> Ensure that a valid SIM card is activated or your device will not properly work on the network.

PHONE OPERATIONS WITHOUT SIM CARD

- You can perform the following operations without inserting the SIM card in your phone:

- Make an emergency call

- View & modify all settings except data usage and mobile network related settings.

- Activate and share files through Bluetooth

- Access the Internet using Wi-Fi connectivity

- Access your phonebook, File Explorer multimedia files & all tools and applications

- View and modify your profile settings.

SETTING UP YOUR PHONE

For instructions on using your phone's buttons, charger, battery, and other hardware features, check the printed Quick Start Guide provided along with your phone.

It will take you through the steps to get your device set up. Follow the steps below to set up your device. For more information, follow the instructions displayed on your device screen.

1. When you turn on your device for the first time, the screen below is displayed. Follow the prompts to complete the set up process.
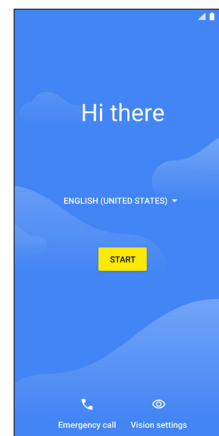
2. Tap on **START** and the following screen is displayed. You have two options:
    - Copy your data
    - Set up as new

3. You can copy your data from any of the following methods:
    - A backup from an Android phone
    - A backup from the cloud
    - An iPhone® device

    If you do not wish to copy the data, tap on **DON'T COPY**.
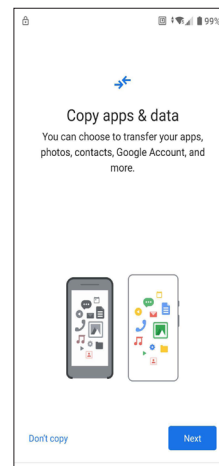
Connect to the available WI-FI network to download the apps or copy data.
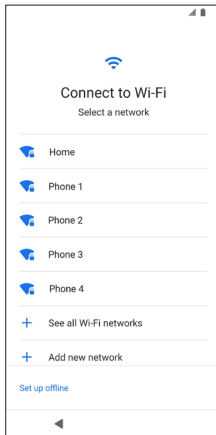
4. Tap on **Set up as new** and **Connect to Wi-Fi** screen is displayed. The device will start checking for updates.
5. Connect to a network to quickly set up your phone. If you are not connected to the network, you will not have the ability to:
   • Sign in to your Google account
   • Restore apps & data
   • Get software updates
   • Automatically set up time and date
   Tap on **Continue** to proceed.
6. You can use different Google services. Tap on **More** to know about the services.
7. By tapping on **Accept** you agree to the **Google Terms of Services**.
8. If you want to add another email account or wish to set up other services, you can also do it using **Settings**. Tap on **No, thanks** to proceed further.
9. For added security, set up a screen lock. Choose from the following combinations:
   • Fingerprint + Pattern
   • Fingerprint + PIN
   • Fingerprint + Password
10. Follow the screen instructions to set up your backup screen lock method (PIN, Pattern, or Password).

11. Set up your fingerprint. Locate the fingerprint sensor at the front of the phone, place your finger on the sensor, and lift the finger after you feel a vibration. Tap on **Do it later** to perform this task later.
12. Now the fingerprint is added. You can use you fingerprint to unlock your phone or to approve any purchases. Tap on **Next** to proceed further.

	Your fingerprint may be less secure than a strong pattern or PIN.

	Important note: When you reboot device, the fingerprint and face unlock will not work. You must use PIN or password to unlock the device for the first unlock. After the first unlock, the fingerprint or face unlock will function as expected.
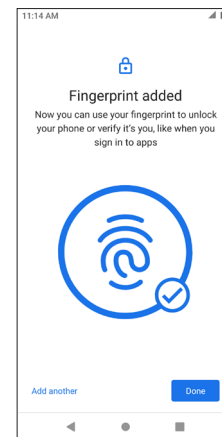
You can add another fingerprint by tapping on **Add another**.

	You can add multiple fingerprints if the same device is used by multiple users.

MANAGING HOME SCREEN

After you complete the phone setup, the home screen is displayed. The home screen is the beginning point to access all the device's features.
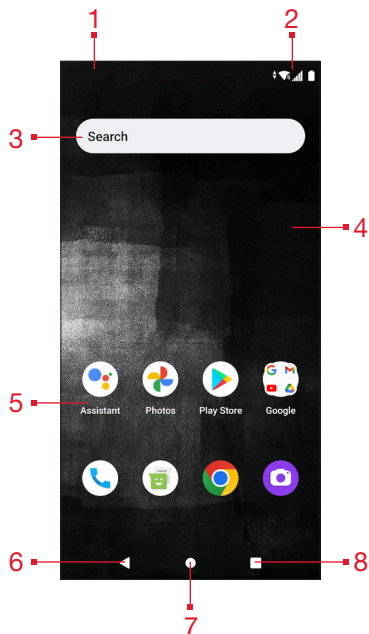
1.	Notification Indicators	2.	Status Indicators
3.	Google Search Bar	4.	Home Screen
5.	Applications		

BUTTONS		DESCRIPTION
6. Back Button	◀	Tap to return to the previous screen.
7. Home Button	●	Tap to display the main Home screen.
8. Recent Apps Button	■	• Tap to display a list of recently used apps. • Double-tap to swap between your last two used apps.

NOTIFICATION AND STATUS ICONS

The icons displayed at the top of the screen provides information about the status of the device. The details such as date and time, battery charge status, and data service are displayed when the phone is in standby mode. Other indicators such as Bluetooth connectivity status, airplane mode, alarm and Call Forward (only if Always Forward is enabled) and Wi-Fi connectivity are displayed, if the feature is activated.

ICONS	DESCRIPTION
✱	Bluetooth activated
▼	Wi-Fi connected
⚡	Battery charging in progress
▯	Battery level indicator
⊘	Do not disturb
🔦	Flashlight
▯	Screen rotation
◢	No signal
◢	Signal strength
▨	No SIM card
R	Roaming
4G LTE 5G 5G+	4G, 5G, 5G+ LTE network connected
4G	HSPA or UMTS network connected
📞	Call in progress
📞	Call forward (only if Always forward is enabled)

ICONS	DESCRIPTION
M	New E-mail
📱	Missed call
💬	New SMS or MMS
🕐	Alarm activated
⊖	Silent mode activated
📳	Vibration mode activated
✈	Airplane mode
ⓘ	Error/information notification - attention
🖼	Screenshot captured
🎵	Music is played
💾	Device storage space is running out

NOTIFICATION PANEL

From the Home screen, swipe down on the Status bar to open the **Notification panel**. Swipe left or right on a notification to delete it, or tap **Clear all** to clear all event-based notifications.

QUICK SETTINGS PANEL

Swipe down on the Status bar again from the Notification panel. Tap a setting to turn it on or off. You can tap Settings ⚙ to access full settings or tap Power off ⏻ to turn your phone off.

SETTING UP AND USING LOCK SCREEN

In order to protect your phone from unauthorized access, you must set up your lock screen feature and lock your device.

- From the Home screen, swipe up to access **App** screen and tap **Settings** (⚙).
- Scroll up and select **Security** (🔒).
- Select **Screen lock** and select one of the following options to configure phone:

- **None:** Disables the screen lock.
- **Swipe:** When the screen is locked, slide your finger from bottom to top to unlock it.
- **Pattern:** When enabled, enter your own pattern. When the phone is locked, unlock it using the pattern. When the phone screen is locked, you can answer an incoming call, without unlocking the screen.
- **PIN:** When enabled, enter your own PIN. When the phone is locked, unlock it using the PIN. When the phone screen is locked, you can answer an incoming call, without unlocking the screen.
- **Password:** When enabled, enter your own Password. When the phone is locked, unlock it using the password. When the phone screen is locked, you can answer an incoming call, without unlocking the screen.

CHANGING THE WALLPAPER

You can set an image or a photo stored in your phone as your home screen wallpaper. To change the wallpaper, select from one of the following Wallpaper collections.

- Touch and hold an empty space on the Home screen, then tap **Wallpapers**. You can also access the Wallpapers menu from the settings menu. From the home screen, swipe up and tap **Settings** (⚙) > **Wallpapers** (🎨). Select the wallpaper from the following folders.

  - **Photos**: It includes photos and screenshots taken using the phone's camera.
  - Default Sonim wallpapers with Black Paint Sponge wallpaper.
  - **Wallpaper**: It includes images that are pre-loaded with the phone.

CAPTURING A SCREENSHOT

You can take an image of what is on your screen and it will be stored in **Photos** app.

To take a screenshot:

1. Ensure that the image to be captured is displayed on the current screen.
2. Press the **Power** and **Volume down** keys simultaneously. The screenshot is captured and stored in **Photos**.

NETWORK & INTERNET

From the Home screen, swipe up to access **App** screen, and tap **Settings** (⚙) **> Network & Internet** (🛜).

WI-FI

Wi-Fi is a wireless network technology that can provide Internet access at distance up to 100 feet, depending on the Wi-Fi router and surroundings.

You can access the Internet when you connect your XP10 to a Wi-Fi network. To connect your phone to a Wi-Fi network;

1. On **Network & Internet** screen, tap **Wi-Fi.**

2. Turn **ON** Wi-Fi.

   A list of Wi-Fi access points present within your phone's accessible range are displayed.

3. Select your preferred network. Enter the WEP/WPS/WPA key (if it is a secured network) and select **CONNECT**. To verify the password before connecting, enable **Show password**.

   > 📄 It is always recommended to make your Wi-Fi network connection secure and also to connect your phone to a secure network.

CONNECT TO NETWORK

1. On **Wi-Fi** screen, tap any of the listed Wi-Fi access points displayed in your device.

2. Enter the network password.

3. The other network setting details such as **Advanced options**, **Proxy**, **IP settings** can be updated.

4. Tap **CONNECT** to get connected to the network.

ADD NETWORK MANUALLY

1. On **Wi-Fi** screen, tap **Add network.**

2. Enter the **Network name** and select the **Security** from the drop-down list. You can set the network password.

3. Tap **Advanced options**. The settings such as **Proxy** and **IP settings** can be updated using the drop-down list.

4. Tap **SAVE** to save the network settings.

You can also join Wi-Fi by scanning a QR code, tap 🔳 on the right side of **Add network** and scan network QR code to join in.

FORGET NETWORK

1. On **Wi-Fi** screen, tap the connected network.

2. Tap **FORGET**.

   The selected network gets disconnected and displayed in the Wi-Fi list.

   If you have to get connected to the same network, tap the network and enter password.

MODIFY NETWORK

1. On **Wi-Fi** screen, tap connected network.

2. Tap ✎ at the top right corner of the screen. You can change the network password. The other network setting details such as **Advanced options**, **Proxy**, **IP settings** can be updated.

3. Select **SAVE** to save the changes.

WI-FI PREFERENCES

On **Wi-Fi** screen, tap **Wi-Fi preference**.

- **Turn on Wi-Fi automatically:** Wi-Fi will be turned on automatically when you are near high-quality saved networks, like your home network.

- **Notify for public networks:** Enable this option to get a notification when a high-quality public network is available.

- **Passpoint:** Enable or disable the function of seamlessly connecting to Passpoint™ enabled Wi-Fi access points without needing a password.

- **Install certificates:** You can browse a certificate for installation.

- **Wi-Fi Direct:** Tap ⋮ **> Searching** to search for the peer devices and also select **Rename device** to rename the device.

SAVED NETWORKS

On **Wi-Fi** screen, tap **Saved networks** to view your saved Wi-Fi networks.

WI-FI DATA USAGE

On **Wi-Fi** screen, tap **Wi-Fi data usage** to view the Wi-Fi data used by each app.

MOBILE NETWORK

On **Network & Internet** screen, tap **Mobile network.**

- **Mobile data:** Turn **On** to enable data access on your mobile network.

- **International Data Roaming:** Turn **On** to enable data roaming to connect to data services while roaming.

- **App data usage:** View the mobile data usage of each app.

- **Data warning & limit:** View the following data management options:

  - **Preferred network type:** 5G is recommended however you can select LTE if you so desire.

WI-FI CALLING

Default is **OFF**, however turning this on your device can make and receive calls and send text messages via Wi-Fi networks or your carrier's network, depending on your preference and which signal is stronger. This service may require additional activation from your service provider and may also result in additional charges. Before activating, please contact your service provider.

NOTE: For those using TTY devices, they are not compatible with Wi-Fi Calling.

- **Mobile data usage cycle:** Set the date the data usage cycle resets.

- **Set data warning:** Turn **On** to enable alerts when your mobile data usage reaches the amount set.

- **Data warning:** Set the data usage amount. Your phone will notify you when it reaches the amount set. Data usage measured by your phone is an approximate amount, and it may differ from the actual amount.

- **Set data limit:** Turn **On** to enable data limits.

- **Data limit:** Set a data limit. Your phone will turn off mobile data when it reaches the limit set.

- **Advanced:**

  - **Mobile Network Diagnostics:** Turn **On** to enable sending diagnostic data automatically to the provider to improve service.

  - **Access Point Names:** Select or add APNs.

AIRPLANE MODE

When your phone is set in airplane mode, network connectivity or mobile data connectivity is disabled. But you can access your camera, media files and other features that do not require mobile data connectivity.

To activate airplane mode:

1. On **Network & Internet** screen, tap **Airplane mode**.
2. Turn **On** Airplane mode.

You can directly enable or disable Airplane mode via **Quick Settings Panel**.

HOTSPOT & TETHERING

Hotspot and Tethering provides Internet to other devices through your mobile data connection. Apps can also create a hotspot to share content with nearby devices.

On **Network & Internet** screen, tap ap **Hotspot & tethering**.

WI-FI HOTSPOT

Mobile hotspot uses mobile data from your data plan whenever you are not connected to Wi-Fi.

1. On **Hotspot & tethering** screen, tap **Wi-Fi hotspot**.
2. Turn **On** to enable the mobile hotspot.

   When this option is disabled, you cannot share Internet or content with other devices.

   - **Hotspot name:** Set the hotspot name.

   - **Security:** Select the desired security from the drop-down list.

   - **Hotspot password:** The password must have at least 8 characters.

   - **AP Band:** Select AP Band from the drop-down list.

   - **Turn off hotspot automatically:** Turn **On** to turn off the hotspot automatically if no devices are connected.

   - **Extend compatibility:** Turn **On** to help other devices find this hotspot and reduce hotspot connection speed.

   - **Mobile Hotspot turn off timer:** Set a timer for the hotspot to automatically turn off.

   - **Maximum connections:** Tap to set the maximum number of users allowed to connect to the hotspot.

   - **Connected users:** View your connected users.

   - **Blocked users:** View your blocked users.

USB TETHERING

Using USB tethering, you can share phone's internet connection via USB. To enable USB Tethering, connect the device through USB cable to the PC.

1. On **Hotspot & tethering** screen, tap **USB tethering**.
2. Turn **On** USB tethering.

BLUETOOTH TETHERING

You can share the phone's internet connection via Bluetooth. For sharing internet, you have to pair your Bluetooth with another device.

1. On **Hotspot & tethering** screen, tap **Bluetooth tethering**.
2. Turn **On** Bluetooth tethering.
3. Pair your Bluetooth device with another.

DATA SAVER

Data usage refers to the amount of data utilized by your phone during data transfers through the Internet. The data usage charges are dependent of the wireless plan provided by your service provider.

To monitor your data usage, adjust your data usage settings.

1. On **Network and Internet** screen, tap **Data Saver**.
2. Turn **On** Data Saver.
   - **Unrestricted data:** Set apps to be allowed to use restricted data when Data saver is on.

VPN

1. On **Network & Internet** screen, tap **VPN**.
2. Tap + at the top right corner of the screen to add a new VPN profile.
3. In **Edit VPN profile** screen, enter the **Name**, **Type** (select from the drop-down list), and the **server address**.
4. Enter **Username** and **password**.
5. Select **SAVE**.

PRIVATE DNS

1. On **Network & Internet** screen, tap **Private DNS**.
2. Select your Private DNS mode.

CONNECTED DEVICES

From the Home screen, swipe up to access **App** screen, and tap **Settings** (⚙) **> Connected devices** (🖾).

BLUETOOTH

If your Bluetooth device being paired supports Sonim BLE, you will need to follow these steps to complete the BLE process:

1. Refer to Bluetooth section to pair your device
2. Open Sonim Scout, then Utilities then Sonim BLE Connect
3. Ensure the device you want to pair with BLE is powered on and in pairing mode. The Sonim BLE app will search for available devices. If your device is not listed then you will be given an option to connect manually through the Sonim BLE Connect application.
4. The Sonim BLE Connect app will then show connected status of those devices paired.

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

On **Connected devices** screen, tap **Connection preferences > Bluetooth**.

PAIR A BLUETOOTH DEVICE

To activate Bluetooth and pair your XP10 device with other Bluetooth devices:

1. With Android 12, **Bluetooth** will automatically turn **On** when scanning for a new device.
2. Select the desired device from the list. It starts pairing with the selected device. A confirmation message is displayed to pair the device. Select **PAIR**.

If your Bluetooth device being paired supports Sonim BLE, you will need to follow these steps to complete the BLE process:

1. Refer to Bluetooth section to pair your device

2. Open Sonim Scout, then Utilities then Sonim BLE Connect

3. Ensure the device you want to pair with BLE is powered on and in pairing mode. The Sonim BLE app will search for available devices. If your device is not listed then you will be given an option to connect manually through the Sonim BLE Connect application.

4. The Sonim BLE Connect app will then show connected status of those devices paired.

FORGET A BLUETOOTH DEVICE

1. On **Bluetooth** screen, tap **Settings** next to the device you wish to forget.

2. Tap **FORGET** > **FORGET DEVICE**.

3. The device will be unpaired from your phone. To reconnect with the device, you will need to pair again.

SEND INFORMATION VIA BLUETOOTH

You can use Bluetooth to transfer files between your phone and another Bluetooth-enabled device, such as a phone or computer. Send photos, videos, calendar events, contacts, and more.

RECEIVE FILES

When another device attempts to send a file to your phone via Bluetooth, you will see a request to accept the file. Tap **ACCEPT** to receive the file.

To view the files you've received via Bluetooth, on the **Connected devices** screen, tap **Connection preferences > Files received via Bluetooth**.

USB

USB is a plug-and-play interface that allows a computer to communicate with peripheral and other devices.

On **Connected devices** screen, tap **USB**. You can use USB for the following tasks:

- **File Transfer:** Tap this option to transfer the data from one device to another device.

- **USB tethering:** Select to set the USB tethering mode.

- **PTP:** Tap this option to transfer photos.

- **No data transfer:** Select to set No data transfer mode. This will ONLY appear when connecting your device via USB cord to a laptop or computer.

> When you connect the XP10 phone to the PC, it is shown as a drive and not as a device.

NFC

NFC (Near-Field Communication) is a set of communication protocols that enable two electronic devices one of which is usually a portable device such as a smart phone, to establish communication by bringing them within 4 cm of each other. NFC is by default turned ON on your XP10.

On **Connected devices screen**, tap **Connection preferences > NFC** and will make **Contactless payments** options available. Tap **Contactless payments** and set up your payment method & your default option.

CAST

1. On **Connected devices** screen, tap **Connection preferences > Cast**.

2. You can cast your screen from your Android device. Connect your Android device to the same Wi-Fi network as your Chromecast or TV with Chromecast built-in. In the top left corner of the app's Home screen, tap **Menu Cast Screen > Audio Cast Screen > Audio**.

3. Ensure that your Android device and Chromecast are connected to the same Wi-Fi network.

4. Tap on the top right corner of the screen and check **Enable wireless display** to view a list of nearby devices you can cast to.

PRINTING

1. On **Connected devices** screen, tap **Connection preferences > Printing**.
2. Tap **Default Print Service**.
3. Turn **On** default print service.
4. Tap **Add services**. **Google Play** screen is displayed. You can sign in with your Google credentials and add any desired service.

CHROMEBOOK

You can use your phone to unlock your Chromebook screen, and send and receive text messages from your Chromebook.

1. On **Connected devices** screen, tap **Connection preferences > Chromebook**.
2. Tap drop-down list to view the Gmail accounts which are configured on your device.

NEARBY SHARE

Nearby Share allows the rapid short-range exchange of images, videos, text, contact info, directions, YouTube videos, and other data via Bluetooth.

1. On **Connected devices** screen, tap **Connection preferences > Nearby Share**.
2. Turn **On** the **Nearby Share**. You can directly enable or disable Nearby Share feature via Quick Settings Panel.

For more information on Nearby Share, please visit **support.google.com**

ANDROID AUTO

Use Android Auto app to control your phone's maps, media and messaging functions, with the Google Assistant while you drive.

1. On **Connected devices** screen, tap **Connection preferences > Android Auto**.
2. Prior to using, please go to the Google Play Store and ensure you have the latest version on your device.

APPS

View current running applications, manage default apps, and more.

From the Home screen, swipe up to access **App** screen, and tap **Settings** (⚙) **> Apps** (⦂⦂⦂).

DEFAULT APPS

The default apps are listed.

1. On **App** screen, tap **Default apps**.
2. Set the default app for the browser, phone, messages, etc. You can also set default apps for opening links.

SCREEN TIME

1. On **App** screen, tap **Screen time**.
2. You can tap ⧗ on the right side of most apps to set daily timers. When the app timer ends, the app is paused for the rest of the day.

UNUSED APPS

1. On **App** screen, tap **Unused apps**.
2. Display the apps that you did not use for a long time. You can un-install them to free up some space.

SPECIAL APP ACCESS

1. On **App** screen, tap **Special app access**.
2. View app access for special functions, such as battery optimization, display over other apps, unrestricted data, usage access, etc.

NOTIFICATIONS

Manage the settings on notifications.

From the Home screen, swipe up to access **App** screen, and tap **Settings** (⚙) **> Notifications (** 🔔 **)**.

APP SETTINGS

1. On **Notifications** screen, tap **App settings**.
2. Apps were categorized into four types. Select a category from the drop-down list, and choose the app you want to adjust the notification settings for.

NOTIFICATION HISTORY

View your recent and snoozed notifications.

1. On **Notifications** screen, tap **Notification history**.
2. Turn **On** Notification history.
3. Your recent and snoozed notifications will appear.

CONVERSATIONS

View priority and modified conversations.

1. On **Notifications** screen, tap **Conversations**.
2. Your priority and modified conversations are displayed.

To change conversation settings, follow the below steps:

1. Swipe the Status bar down to display the Notification panel.
2. Touch and hold a conversation.

BUBBLES

Enable message conversations display as bubbles, floating on top of other apps.

1. On **Notifications** screen, tap **Bubbles**.
2. Turn **On** Bubbles to allow apps to show bubbles.

DEVICE & APP NOTIFICATION

Control which apps and devices can read notifications.

1. On **Notifications** screen, tap **Device & app notifications**.
2. You can see the devices and apps that allowed and not allowed to access notifications.

NOTIFICATIONS ON LOCK SCREEN

1. On **Notifications** screen, tap **Notifications on lock screen**.
2. Select how you want notifications to be displayed on the lock screen.

DO NOT DISTURB

1. On **Notifications** screen, tap **Do Not Disturb**.
2. Tap `TURN ON NOW` to turn **On** Do Not Disturb mode.
3. You can set Do Not Disturb behavior, exceptions, schedule, etc.

WIRELESS EMERGENCY ALERTS

1. On **Notifications** screen, tap **Wireless Emergency Alerts**.
2. Turn **On** Wireless Emergency Alerts.
   - **National alerts:** Turn **On** this option to get an emergency alert system which allows the US president to address the country in the event of national emergency.
   - **Extreme threats:** Turn **On** this option to get the alerts for extreme threats to life and property.
   - **Severe threats:** Turn **On** this option to get the severe threats to life and property displayed.
   - **AMBER alerts:** Turn **On** this option to get the child abduction emergency bulletins.
   - **Public safety messages:** Turn **On** this option to get the public safety alerts.
   - **State and locale tests:** Turn **On** this option to get the display of state and local test alerts.
   - **Emergency alert history:** You can view the emergency alert history.
   - **Vibrate:** Turn **On** this option to set the device on vibrate during alert.
   - **Alert reminder:** You can set the alert reminder for the following time frame: **Once**, **Every 2 minutes**, **Every 15 minutes** and **Off**.

HIDE SILENT NOTIFICATIONS IN STATUS BAR

1. On **Notifications** screen, tap **Hide silent notifications in status bar**.
2. Turn **On** this option to hide silent notifications in status bar.

ALLOW NOTIFICATION SNOOZING

1. On **Notifications** screen, tap **Allow notification snoozing**.
2. Turn **On** this option to allow temporarily snoozing certain notifications.

NOTIFICATION DOT ON APP ICON

1. On **Notifications** screen, tap **Notification dot on app icon**.
2. Turn **On** this option to allow the display of notification dots on an app icon.

ENHANCED NOTIFICATIONS

1. On **Notifications** screen, tap **Enhanced notifications**.
2. Turn **On** this option to automatically show suggested actions and replies.

BATTERY SETTINGS

From the Home screen, swipe up to access **App** screen, and tap **Settings** (⚙) **> Battery** (▮).

BATTERY USAGE

View battery usage from last full charge.

1. On **Battery** screen, tap **Battery usage**.
2. You can view the battery percentage that each apps used.

BATTERY SAVER

1. On **Battery** screen, tap **Battery Saver**.
2. Turn **On Battery Saver**. The Battery Saver will automatically turn off when the phone is plugged in.
   - **Set a schedule**: Tap **Based on percentage** (Min Settings 5%, Max Settings 75%) and drag the slider to the percentage you desire. The Battery Saver will turn on automatically when your phone reaches that battery percentage.

BATTERY MANAGER

1. On **Battery** screen, tap **Battery Manager**.
2. Monitor the amount of battery being used by apps. If battery usage increases too much, your phone will suggest actions you can take.

BATTERY PERCENTAGE

1. On **Battery** screen, tap **Battery percentage**.
2. Turn **On** this option to show the battery percentage in the Status bar.

BATTERY BLINK LIGHT

This feature is OFF by default, however turning ON allows for the LED light to turn on when device is charging or battery is low.

REDUCE BATTERY AGING

This feature is **OFF** by default. This feature is designed for devices constantly in charging equipment (i.e. vehicle cradle/mount).

If your device is in a constant state of charging (typically in an installed vehicle mount), then activating this feature will limit the battery charge to 80%, which will extend the overall life of the battery.

To activate this feature, go to **Settings --> Battery --> Reduce Battery Aging**

USB POWER SAVING

You can enable certain settings relative to USB charging.

- Automatic power **ON** – default if **OFF**, however turning this feature **ON** will automatically power your device on when USB device is connected.

- You also have 2 options relative to powering your device **OFF** when tied to USB charging:

  - **Automatic power OFF** – default is **OFF**, however turning this feature **ON** will allow you to set a specific time to power your device off.

  - **Automatic power OFF** – default is **OFF**, however turning this feature **ON** will allow you to set the time (in hours) when your device will power off after being disconnected from USB power.

TIPS TO EXTEND THE BATTERY LIFE

Follow these tips to extend your phone's battery life.

- If you are not using Wi-Fi, Bluetooth or GPS, use the **Settings** to turn them off. The GPS setting is located in **Settings > Location**.

- Set screen brightness to **Low** and set a shorter Sleep timeout (15 seconds). The display settings are located in **Settings > Display**.

- If you are traveling and do not have access to mobile data or Wi-Fi network, switch to Airplane mode. Select **Airplane mode** from **Quick Settings panel**.

For more information on battery performance, storage & charging please go to the Additional Battery Information section on page 49.

STORAGE SETTINGS

The Storage settings menu allows you to manage internal storage on your phone and provides menu choices for an optional SD card (not included).

From the Home screen, swipe up to access **App** screen, and tap **Settings** (⚙) **> Storage** (≡).

DEVICE STORAGE

Use this section to manage your device storage. The **default is OFF**, however turning this on allows your device to remove backed up photos and videos in either 30, 60, or 90 day increments.

1. On **Storage** screen, tap THIS DEVICE ▾ > **This device**.
2. Tap a category to view the storage amount used by each app.

SD CARD

Must have SD card inserted to manage settings.

1. On **Storage** screen, tap THIS DEVICE ▾ > **SD CARD** to view files stored on your SD card.
2. Tap ⋮ on the top right coner of the screen to access the following options:

   - **Rename:** change the SD card name.
   - **Eject:** eject the SD card to allow for safe removal.
   - **Format:** format the SD card.

STORAGE MANAGER

Storage manager removes backed up photos and videos from your device.

1. From **Storage** screen, tap **Storage manager**.
2. Turn **On** Storage manager.
3. Tap **Remove photos & videos** to set the types of photos and videos to be removed.

You can go to **Files** app to manage and free up space by tapping **Free up space**.

SOUND SETTINGS

Control your phone's audio, from ringtones and alerts to tap tones and notifications.

1. From the Home screen, swipe up to access **App** screen, and tap **Settings** (⚙) **> Sound** (🔊).
2. Drag the sliders to adjust the volumes of Media, Call, Notification, Ring, and Alarm.

DO NOT DISTURB

1. On **Sound** screen, tap **Do Not Disturb**.
2. Tap TURN ON NOW to turn **On** Do Not Disturb mode.
3. You can set Do Not Disturb behavior, exceptions, schedule, etc.

PHONE RINGTONE

1. On **Sound** screen, tap **Phone ringtone**.
2. Select a ringtone for incoming phone calls.
3. You can customize your own ringtone by tapping **Add ringtone**.

MEDIA

1. On **Sound** screen, tap **Media**.
2. Turn **On** Pin media player to have media player stays open in the **Quick Settings Panel** when the media session has ended.
3. Turn **On** Show media recommendations to show media recommendations basing on your activities.

VIBRATE FOR CALLS

1. On **Sound** screen, tap **Vibrate for calls**.
2. Select the checkboxes to enable or disable vibration for calls.

DEFAULT NOTIFICATION SOUND

1. On **Sound** screen, tap **Default notification sound**.
2. Select the default notification sound.
3. You can customize your own notification sound by tapping **Add notification**.

DEFAULT ALARM SOUND

1. On **Sound** screen, tap **Default alarm sound**.
2. Select the default alarm sound.
3. You can customize your own alarm sound by tapping **Add alarm**.

OTHERS

There are more sound and vibration settings.

- **Dial pad tones:** Turn **On** this option to enable dial pad tones.
- **Screen locking sound:** Turn **On** this option to enable screen locking sounds.
- **Charging sounds and vibration:** Turn **On** this option to enable the charging sounds and vibration.
- **Touch sounds:** Turn **On** this option to enable touch sounds.
- **Touch vibration:** Turn **On** this option to enable touch vibration.

DISPLAY SETTINGS

Adjust items such as wallpaper, brightness, screen timeout, and more.

From the Home screen, swipe up to access **App** screen, and tap **Settings** (⚙) **> Display** (☼).

BRIGHTNESS LEVEL

1. On **Display** screen, tap **Brightness level**.
2. Drag the slider to adjust the screen brightness level manually.

ADAPTIVE BRIGHTNESS

1. On **Display** screen, tap **Adaptive brightness**.
2. Turn **On** adaptive brightness to automatically adjust screen brightness based on the lighting conditions.

LOCK SCREEN

1. On **Display** screen, tap **Lock screen**.
2. Set what to show and when to show on lock screen.

SCREEN TIMEOUT

1. On **Display** screen, tap **Screen timeout** to select a time.
2. Your screen will automatically go to sleep after the set amount of time. This setting also optimizes the battery power.
3. **Screen attention** By default, this feature is **OFF**. Prevents your screen from turning off if you are looking at it.

DARK THEME

1. On **Display** screen, tap **Dark theme**.
2. Turn **On** this option to use a black background to help keep battery alive longer on some screens.

FONT SIZE

1. On **Display** screen, tap **Font size.**
2. Drag the slider to set the font size of the text to be displayed on the screen.

DISPLAY SIZE

1. On **Display** screen, tap **Display size.**
2. Drag the slider to make the items on your screen smaller or lager. Some apps on your screen may change position.

NIGHT LIGHT

1. On **Display** screen, tap **Night light** to add an amber tint to the screen making it easier to look at your screen or read in dim light.
2. You can set the schedule and intensity of the night light on your screen.

AUTO-ROTATE SCREEN

1. On **Display** screen, tap **Auto-rotate screen**.
2. Turn **On** this option to enable screen rotation automatically.

SCREEN SAVER

1. On **Display** screen, tap **Screen Saver**.
2. Turn **On** Screen Saver.
3. You can select to use either the Clock, Colors or Photos as your screen saver.

WALLPAPER

Use Wallpapers to modify your screen display using either on device wallpapers or your own photos. You can use with dark theme and change the grid layout.

ACCESSIBILITY

You can make websites and applications more accessible to people with disabilities when they are using mobile phones and other devices.

From the Home screen, swipe up to access **App** screen, and tap **Settings** (⚙) **> Accessibility** (🕴)**.**

REAL-TIME TEXT CALL

1. On **Accessibility** screen, tap **Real-Time text call**.
2. Manage RTT call options.

- **RTT call button:** Tap to select **Always Visible** to always have access to the RTT call button.
- **RTT transcript:** Turn **On** RTT transcript.

TEXT AND DISPLAY

On **Accessibility** screen, tap **Text and display** to set font size, display size, bold text, color correction, color inversion, high contrast text, etc.

EXTRA DIM

On **Accessibility** screen, tap **Extra dim**. Dim screen beyond your phone's minimal brightness.

DARK THEME

On **Accessibility** screen, tap **Dark theme**.

Slide the switch to the On position to access dark theme mode. You can set dark theme schedule.

MAGNIFICATION

On **Accessibility** screen, tap **Magnification**.

- **Magnification shortcut:** Turn **On** magnification shortcut. Tap the magnification icon 🔍 appeared on the bottom right corner of the screen to magnify your screen.
- **Magnification type:** Magnify full screen, part of screen, or switch between both options.

GLOVE TOUCH MODE

By default, this setting is **OFF**, however turn it on to increase capability of using your device with gloves.

NOTE: Enabling Glove Touch mode will make your display very sensitive resulting in potentially false touches.

TIMING CONTROLS

On **Accessibility** screen, tap **Timing controls**.

- **Touch & hold delay:** Set the touch & hold delay to Short, Medium, or Long.
- **Time to take action (Accessibility timeout):** Choose how long to show messages that ask you to take an action.
- **Autoclick (dwell timing):** Enable automatic clicking when using a mouse and adjust the amount of time between the mouse stopping and the click.

SYSTEM CONTROLS

On **Accessibility** screen, tap **System controls**.

- **System navigation:** Set system navigation by gestures or using **Back**, **Home** and **Recent Apps** buttons located at the bottom of the screen.
- **Power button ends call:** Enable ending calls by pressing the **Power** key.
- **Auto-rotate screen:** Enable or disable screen rotation.

VIBRATION & HAPTIC STRENGTH

On **Accessibility** screen, tap **Vibration & haptic strength**.

- **Ring vibration:** Enable or disable vibration for ringing.
- **Notification vibration:** Enable or disable vibration for notifications.
- **Touch feedback:** Enable or disable vibration for touch.

CAPTION PREFERENCES

On **Accessibility** screen, tap **Caption preferences**.

Turn **On** to show captions. You can also set caption display language, text size, and caption style.

AUDIO ADJUSTMENT

On **Accessibility** screen, tap **Audio adjustment**.

- **Mono audio:** Enable combining channels when playing audio.
- **Autio balance:** Drag the slider left or right to adjust the audio balance from the speaker.

ACCESSIBILITY SHORTCUTS

On **Accessibility** screen, tap **Accessibility shortcuts**.

* **Accessibility button:** Mange the settings on accessibility button , such as location, size, etc.
* **Shortcut from lock screen:** Allow feature shortcut to turn on from the lock screen.

TEXT-TO-SPEECH OUTPUT

On **Accessibility** screen, tap **Text-to-speech outpu**t.

* **Preferred engine:** Set the text-to-speech engine (Google is default). Tap to manage text-to-speech settings.
* **Language:** Set the language for using this function.
* **Speech rate:** Drag the slider to adjust speech rate.
* **Pitch:** Drag the slider to adjust pitch.

Tap PLAY to play the example. Tap RESET to reset all Text-to-speech settings to the default settings.

SECURITY SETTINGS

From the Home screen, swipe up to access **App** screen, and tap **Settings** (⚙) **> Security** (🔒).

GOOGLE PLAY PROTECT

On **Security** screen, tap **Google Play Protect**. Google will regularly check your device and prevent/warn you of potential harm. Only apps on Google Play will be checked.

FIND MY DEVICE

On **Security** screen, tap **Find My Device**. Find My Device helps you locate your device remotely, keeping your data safe in the event that your phone is lost.

For more information on Find My Device, please use this link: https://www.google.com/android/find

SECURITY UPDATE

Check for new software updates for your device. On **Device Settings** screen, scroll to **Software Update** and tap **Check for Updates**.

SCREEN LOCK

On **Security** screen, tap **Screen lock**.

* **None:** Disable any screen lock.
* **Swipe:** Set swipe to unlock.
* **Pattern:** Set an unlock pattern. Follow the prompts to finish the settings.
* **PIN:** Set a PIN code as the screen unlock method.
* **Password:** Set a password as the screen unlock method.

FINGERPRINT

In addition to unlocking your phone, you can also use your fingerprint to authorize purchases and app access.

On **Security** screen, tap **Fingerprint**.

IMPORTANT NOTE: You will not be able to unlock via fingerprint on first boot / power on.

ADD A FINGERPRINT:

1. Enter your pattern, PIN, or password.
2. Put your finger on the sensor on the front of your phone and lift after you feel a vibration. Keep pressing and lifting your finger to add the different parts of your fingerprint.
3. When finished, tap **Done**.
4. Tap **Add fingerprint** to add another fingerprint.

UNLOCK YOUR PHONE WITH FINGERPRINT

Once your fingerprint is registered, you can put your finger on the fingerprint sensor at the front of your phone to unlock the screen.

FACE UNLOCK

Unlock your phone by looking at it.

On **Security** screen, tap **Face unlock**.

SET UP FACE AUTHENTICATION

IMPORTANT NOTE: In order to increase facial accuracy when attempting to unlock your device, we encourage you to ensure you are in good lighting when enrolling into face unlock.

1. Enter your pattern, PIN, or password.
2. Keep your eyes open and make sure your face is fully visible and not covered by any object, such as a hat or sunglasses.

UNLOCK YOUR PHONE WITH YOUR FACE

To unlock your phone, press the **Power** key to light up the phone screen and trigger Face Unlock automatically.

NOTE: Using Face unlock works best in well lit environments.

SMART LOCK

Unlock your device automatically in certain conditions.

On **Security** screen, tap **Smart Lock**.

- **On-body detection:** Tap and slide the switch to the On position to activate this feature. Your device will now be kept unlocked while it is on you.

Smart Lock keeps your phone unlocked when it's with you.

Smart Lock can recognize when:

- Your phone is being carried
- You're near home or another trusted place
- Your watch or another trusted device is nearby

***Add trusted place:** Tap Add trusted place and follow the on-screen prompts.

After you unlock your phone, it stays unlocked as long as you're at or close to a trusted place.

Your phone will stay unlocked for up to 4 hours or until you leave one of your trusted places. For accuracy this uses your precise location.

Add trusted device: After you unlock your phone, it stays unlocked when it's connected to a trusted device listed above, like a Bluetooth watch or car system.

Your phone will stay unlocked for up to 4 hours or until it disconnects from all trusted devices.

When Smart Lock is active, you can force your phone to lock anytime. Just open the power menu and tap Lockdown.

DEVICE ADMIN APPS

On **Security** screen, tap **Device admin apps**. Enable or disable Device admin apps according to your preference.

ENCRYPTION & CREDENTIALS

On **Security** screen, tap **Encryption & credentials**.

- **Encrypt phone:** Your phone is already encrypted.
- **Trusted credentials:** View trusted security certificates.
- **User credentials:** View and modify stored credentials.
- **Install a certificate:** Install certificates from the SD card.
- **Clear credentials:** Remove all certificates.
- **Certificate management app:** Tap to view apps where the credentials can be used for authentication.

TRUST AGENTS

From the Security screen, tap Trust agents.

View your trusted agents.

Slide the switch to the On position to turn them on.

APP PINNING

From the Security screen, tap App pinning.

Slide the switch to the On position to turn it on.

When turned on, you can use app pinning to keep the current screen in view until you unpin.

PRIVACY SETTINGS

Secure your device, protect your data, and keep your privacy.

From the Home screen, swipe up to access **App** screen, and tap **Settings** ( ) **> Privacy** ( ).

PRIVACY DASHBOARD

1. On **Privacy** screen, tap **Privacy dashboard**.
2. Show which apps used permissions in the pass 24 hours.

PERMISSION MANAGER

1. On **Privacy** screen, tap **Permission manager**.
2. Control permission for apps that use your camera, location, microphone, contacts, storage, etc.

CAMERA ACCESS

1. The default is **ON** for all apps and services.

MICROPHONE ACCESS

1. The default is **ON** for all apps and services.

SHOW PASSWORDS

1. On **Privacy** screen, tap **Show passwords**.
2. Turn **On** this option to display characters briefly as you type passwords.

NOTIFICATIONS ON LOCK SCREEN

1. On **Privacy** screen, tap **Notifications on lock screen**.
2. Choose to show or hide notification content on the lock screen.

ANDROID SYSTEM INTELLIGENCE

1. Use this to get suggestions based on the people, apps and content you interact with.
2. Device learning will provide recommendations based on your past interactions with people, apps & content
3. Keyboard option will show smart replies and paste suggestions
4. Clear data will erase what your device has learned. You can clear all device learned data in the last hour, last 24 hours or all time.

APP CONTENT

1. Default is **ON** and this will allow apps to send content to the Android system.

SHOW CLIPBOARD ACCESS

1. On **Privacy** screen, tap **Show clipboard access**.
2. Turn **On** this option to show a message when apps access text, images, or other content you've clipped.

AUTOFILL SERVICE FROM GOOGLE

1. On **Privacy** screen, tap **Autofill service from Google**.
2. Turn **On** this option to autofill your information from your Google Account. Fill in the categories with information you would like to autofill, such as an address, payment methods, etc.

GOOGLE LOCATION HISTORY

1. On **Privacy** screen, tap **Google location history**.
2. View your location history.

ACTIVITY CONTROLS

1. On **Privacy** screen, tap **Activity controls**.
2. Choose the activities and information you allow Google to save.

ADS

1. On **Privacy** screen, tap **Ads**.
2. Control advertising ID and personalization.
   - **Reset advertising ID:** Replace your advertising ID with a new random number.
   - **Opt out of Ads Personalization:** Turn **On** this option to instruct apps not to use your advertising ID to build profiles or show you personalized ads.
   - **Ads by Google:** Display Google ads.
   - **Your advertising ID:** Display your advertising ID.

USAGE & DIAGNOSTICS

1. On **Privacy** screen, tap **Usage & diagnostics**.
2. Turn **On** this option to share data to help improve Android.

LOCATION SETTINGS

1. From the Home screen, swipe up to access **App** screen, and tap **Settings** (⚙) **> Location** (⦿).
2. Turn **On** location services.

RECENT ACCESS

View a list of apps that have recently requested your location.

APP LOCATION PERMISSIONS

View which apps have permission to access location services.

LOCATION SERVICES

- **Emergency Location Service:** Turn **On** Google ELS. If ELS is supported in your region, when you contact an emergency number your device may automatically send its location to emergency responders using ELS.
- **Google Location Accuracy:** Turn **On** this option to use GPS, Wi-Fi, Bluetooth, mobile networks, and sensors to determine your location.
- **Google Location History:** View your location history.
- **Wi-Fi scanning:** Turn **On** this option to improve location services by allowing the system apps and services to detect Wi-Fi networks at any time.
- **Bluetooth scanning:** Turn **On** this option to improve location services by allowing the system apps and services to detect Bluetooth devices at any time.

SAFETY & EMERGENCY

Fulfill your medical and emergency information, view emergency alerts, and manage settings on emergency SOS and location service.

From the Home screen, swipe up to access **App** screen, and tap **Settings** (⚙) **> Safety & emergency** (✳).

EMERGENCY INFORMATION

Add medical information and emergency contacts to help first responders in an emergency. Anyone can read this information from your lock screen and dial your emergency contacts without unlocking your phone.

On **Safety & emergency** screen, tap **Emergency information**.

- **Medical information:** Add your medical information such as your name, address, blood type, allergies, etc.

- **Emergency contacts:** Choose contacts as your emergency contacts to be accessed from the lock screen in case of an emergency.

EMERGENCY SOS

On **Safety & emergency** screen, tap **Emergency SOS**.

Turn **On** Emergency SOS.

If you have an emergency and need emergency services, press the Power key 5 or more times quickly.

- **Play countdown alarm:** Turn **On** this option to play a loud sound when Emergency SOS is starting.

- **Call for help:** Tap to edit your emergency number.

EMERGENCY LOCATION SERVICE

On **Safety & emergency** screen, tap **Emergency Location Services (ELS)**.

Turn **On** the Emergency Location Services (ELS) function.

When you call or text an emergency number, your device will use ELS to automatically send your location to emergency responders.

WIRELESS EMERGENCY ALERTS

On **Safety & emergency** screen, tap **Wireless Emergency Alerts**.

Turn **On** Wireless Emergency Alerts function to receive alerts. You can also view emergency alert history and manage alert preferences.

PASSWORDS & ACCOUNTS

From the Home screen, swipe up to access **App** screen, and tap **Settings** (⚙) **> Passwords & accounts** (🖾).

PASSWORDS

See, change, or remove passwords you saved in your Google Account.

AUTOFILL SERVICE

Autofill your information when needed from your Google Account. Fill in the categories with information you would like to autofill, such as addresses, payment methods, etc.

ADD ACCOUNT

1. On **Passwords & accounts** Screen, tap **Add account**.
2. Tap the type of account you want to add.
3. Follow the prompts to enter your credentials and set up the account.

AUTOMATICALLY SYNC APP DATA

1. On **Passwords & accounts** Screen, tap **Automatically sync app data**.
2. Turn **On** this option to activate automatic data syncing.

DIGITAL WELLBEING & PARENTAL CONTROLS

From the Home screen, swipe up to access **App** screen, and tap **Settings** (⚙) **> Digital Wellbeing & parental controls** (⚲).

DIGITAL WELLBEING

Use app timers and other tools to keep track of screen time and unplug more easily.

On **Digital Wellbeing & parental controls** screen, tap **Show your data** to view the detailed information.

- **Ways to disconnect:**
  - **Dashboard:** View your screen time and set timers for your apps.
  - **Bedtime mode:** Set a bedtime schedule to disconnect from your phone and avoid interruptions while you sleep.
  - **Focus mode:** Pause distracting apps when you need time to focus.
- **Reduce interruptions:**
  - **Manage notifications:** Enable or disable the notifications of apps.
  - **Do Not Disturb:** Mute your device, but allow exceptions such as calls or texts from certain contacts.
  - **Show icon in the app list:** Slide the switch to the On position to enable icons in the app list.

PARENTAL CONTROLS

Add content restrictions and set other limits to help your child balance their screen time.

Tap **Set up parental controls** to adjust parental controls settings.

Follow the screens to finish the setup.

GOOGLE

Configure your device's Google settings. Available options depend on your Google Account.

From the Home screen, swipe up to access **App** screen, and tap **Settings** (⚙) **> Google** (G)**.**

ACCOUNT

If you did not log in to your Google Account yet, you can use this menu to sign in.

1. On **Google** screen, tap **Sign in to your Google Account**.
2. Tap **Google Account**.
3. Follow the screen instructions to finish the setup.

COVID-19 EXPOSURE NOTIFICATIONS

These notifications will only be available when you are logged into your Google account.

1. On **Google** screen, tap **COVID-19 Exposure Notifications**.
2. Select your region and turn on Exposure Notifications to get notified if you've been exposed to someone who reports having COVID-19. Note: Not all regions have Exposure Notifications available.
3. Tap **Learn more** on the middle of the screen to get more information on detailed steps to set this up and how it works.

SERVICES ON THIS DEVICE

1. On **Google** screen, a list of services displayed under **Services on this device**.
2. Select an option to customize your Google Account settings.

To find out more about the available Google services on your device, select a Google service.

OTHERS

- Tap **Search Help** (⑦).
  - Describe your issue on **Describe your issue** search bar.
  - View **Popular help resources**.
  - Send **feedback** (🗨) icon to send feedback.
  - Tap **Options** (⋮) on **Help** screen. You can clear help history, view version info, etc.

SYSTEM

Manage detailed settings for your phone, including language and input settings, gestures, date and time, reset options, etc.

From the Home screen, swipe up to access **App** screen, and tap **Settings** (⚙) **> System** (ⓘ).

LANGUAGES & INPUT

You can set the phone language and input options to any of the languages displayed in the language lists.

1. On **System** screen, tap **Languages & input.**

2. Tap **Languages** and select any desired language from the list as your preferred language.

   • English is set as the default language. This can be changed by you if you prefer to have a different default language.

   • To add a language, tap **Add a language**, then select the language you want to add.

   • When more than one language has been added, you can touch and hold the language, then drag it up to the first position to set as the default display language.

   • To remove a language, tap ⋮ > **Remove**.

   All the menu items and user feedback messages will be displayed in the set language.

3. The following options are displayed under **Keyboard & inputs:**

   • **On-screen keyboard:**

     • **Gboard:** You can use **Google keyboard** which is multilingual typing keyboard.

     • **Google voice typing:** You can use **Google voice typing** for entering the text instead of using the keyboard.

     • **Manage on-screen keyboards:** From this menu, you are able to enable and manage different keyboards available to you. You can find more On-Screen keyboard apps in the Google Play Store.

   • **Physical keyboard:**

     • **Use on-screen keyboard:** Enable this option to keep it on screen while physical keyboard is active.

     • **Keyboard shortcuts:** Display available shortcuts.

4. The following options are displayed under **Tools:**

   • **Spell checker:** Tap **Use Spell checker** and turn it **On**.

     • **Languages:** By default, the **Languages** is set to **Use system language.** You can use any other language from the list.

     • **Default spell checker:** You can select Google spell checker for spell checking.

     • Tap **Settings** (⚙) and enable Look up contact names so that the Spell checker uses entries from your contact list.

   • **Personal dictionary:** Tap (+) icon to add a custom word in **Type a word** field and **Shortcut** also to the personal dictionary.

   • **Pointer speed:** You can maximize or minimize the **Pointer speed** to your desired level.

   • **Text-to-speech output:**

     • **Preferred engine:** The preferred engine is set to Google Text-to-speech Engine. To change the settings, tap **Settings** (⚙) provided next to the engine.

     • **Language:** By default, the **Language** is set to **Use system language**. You can select any other language from the list.

     • **Speech rate:** You can adjust the **speech rate** to your comfortable speed.

     • **Pitch:** You can select the desired pitch rate.

     • **PLAY:** Tap **PLAY** to hear the audio of speech synthesis example.

     • **RESET:** Tap **RESET** to reset the settings.

GESTURES

1. On **System** screen, tap **Gestures.**

2. The following options are displayed:

   • **Quickly open camera:** Turn **ON** this option to quickly open camera, press the power button twice. This gesture works from any screen.

   • **System navigation:**

     • **Gesture navigation:** Tap to enable gesture navigation for the following.

     • Tap on the (⚙) icon to change Gesture Navigation settings like digital assistant options and sensitivity.

- To go to the Home screen, swipe up from the bottom of the screen. To switch apps, swipe up from the bottom, hold, then release.

- To go back to the previous screen, swipe from either the left or right edge.

- **3-button navigation:** This option is enabled by default.

- **Press and hold power button:** Press and hold the **Power** key to access Google Assistant. This setting is **OFF** by default. Enabling this setting will allow you to access Google Assistant by pressing the Press & holding the Power Key.

- With this enabled and you need to access the Power & Emergency menu, simply press Power and Volume Up at the same time.

- **Prevent ringing:** Press the **Power** key and the **Volume up** key together to activate Vibrate or Mute mode.

- **Toggle Flashlight:** Note: Sudden movements can activate the flashlight unintentionally. Please note that the flashlight can generate heat so please check this setting to ensure your device is performing as expected.

DATE AND TIME

1. On **System** screen, tap **Date & time.**
2. Select the following options to set the date and time in your device:

- **Set time automatically:** Synchronize the date and time with the network provided time. Note: This requires an active SIM card

- **Date:** To set the date manually, select **Date**. Scroll and select the date, month and year. Tap **OK**. This option is enabled when **Set time automatically** option is turned **OFF**.

- **Time:** To set the time manually, select **Time**. Scroll and select the hour and minute. Tap **OK**. This option is enable when **Set time automatically** option is turned **OFF**.

- **Set time zone automatically:** Synchronize the time zone with the network provided time zone.

- **Time zone:** To set the time zone, tap **Time zone**. Scroll and select your time zone. This option is enable when **Set time zone automatically** option is turned **OFF**.

- **Use locale default:** Use the default time format.

- **Use 24-hour format:** To set the clock to 24-hour format, turn **ON Use 24-hour format**. By default, the phone is set to 12-hour format.

BACKUP

If you need to replace your device or erase its data, you can restore your data for any accounts that were previously backed up. To use this feature, you will need to add a Google account to your device.

To backup your data:

1. On **System** screen, tap **Backup**.
2. Turn On **Backup by Google One.** Tap **Account.**
3. You can easily restore your data or switch phones at any time. Active backups include, amongst others:
   - App data
   - Call history
   - Contacts
   - Device settings (including Wi-Fi passwords and permissions)
   - SMS text messages
4. When you turn **Off Backup by Google One**, a confirmation message is displayed; **Turn off and delete backup?**

   Current device's backup data in Google drive will be permanently deleted. Per default, Backup only uses Wi-Fi connections to back up your data.

MULTIPLE USERS

You can share this device with other people by creating additional users.

1. On **System** screen, tap **Multiple users**.
2. Turn **On Multiple users** function.
3. The following options are displayed:

- **You (Owner):** Enter a name. Tap 🔵 to add a photo.

- **Add guest:** Add a guest role. A guest profile is for someone using your phone for a short time. Like a user, the guest profile has its own space on the device, but it's easier to delete this space when a guest is done with the device.

- **Add user:** Set up a new user.

- **Add user from lock screen:** You can add users directly from lock screen.

  - Slide the switch to turn this option **On**.

- From the lock screen, drag the status bar down to display the quick settings panel.

- Tap ⬤ to access the User settings screen and Tap **Add guest** or **Add user** to add users.

To switch users, from the Multiple users screen, tap the name of the user you want to switch to. Restart the phone to switch back to the Owner/Admin profile.

To delete users, from the Multiple users screen, tap the user you want to delete. Tap **Delete user** > **DELETE** to remove the user. Other users can delete their own profiles by tapping ⋮ > **Delete [name of user] from this device** > **DELETE**.

Note: All apps and data stored on the user's profile will also be deleted.

RESET OPTIONS

1. On **System** screen, tap **Reset options**.

2. The following options are displayed:

- **Reset Wi-Fi, mobile & Bluetooth:** Tap this option to reset the network settings which includes; Wi-Fi, Mobile data, Bluetooth and NFC. Tap **RESET SETTINGS** to reset all network settings. You cannot undo this action.

- Preferences and configurations for WI-Fi connections, mobile data, and mobile hotspot will be deleted.

- **Reset app preferences:** Tap this option to reset the following preferences for:

- Disabled apps

- Disabled app notifications

- Default apps

- Background data restrictions for apps

- Any permission restrictions

During this task, you will not loose any app data.

3. **Erase all data (factory reset):** Tap this option to erase all data from your phone's internal storage. The data includes;

- Your Google Account

- System and app data and settings

- Downloaded apps

- Music

- Photos

- Other user data

Tap **Erase all data** to reset the device. A message is displayed: **All of your personal information and downloaded apps will be deleted? You can't undo this action!**
Tap **Erase all data** to erase all the data.

ABOUT PHONE

1. On **Settings** screen, tap **About phone.**
2. The following information is displayed:
   - Device name
   - Phone number
   - Legal information > Tap to see more information
   - SIM status > Tap for more details about the SIM card and connected mobile network
   - Model > Tap for Type number, serial number, and hardware version
   - IMEI
   - Android version > Tap for more detailed information about Android module version numbers
   - IP address
   - Wi-Fi MAC address
   - Device Wi-Fi MAC address
   - Bluetooth address
   - Up time
   - Build number

   Note: MAC addresses are only available when the service is enabled, IP addresses are only available when the device is connected to Wi-Fi or mobile data.

SOFTWARE UPDATE

1. On **Settings** screen, tap **Software update**.
2. Tap **Check for updates**. If there is any update required, system starts the updates.
3. Tap **Continue** update to continue the update process if already started.

MANAGING CONTACTS

You can use the phonebook to maintain phone numbers and other information of your contacts. This feature enables you to add, dial phone numbers and send SMS and MMS messages.

From the Home screen, swipe up to access **App** screen, and tap **Contacts** (🔲).

ADDING A CONTACT

When you switch **On** the device for the first time and there are no contacts added in the device or SIM.

CREATING A NEW CONTACT

1. On **Contacts** screen, tap ⊕.
2. Enter all the details, select where to save the contact and tap **SAVE**.
3. The contact is added to the phonebook.

To add a new contact from dialer/phone, tap **Phone** (📞) on the home screen, tap 🔴. Enter a phone number. Tap **Create new contact**. Enter all the details and tap **SAVE**. The contact is added to the phonebook. If you would like to add a picture to the Contact, simply tap on the camera icon at the top and follow the prompts.

EDITING CONTACT DETAILS

1. On **Contacts** screen, scroll to the required contact and tap the contact to view details.
2. Tap the **Edit** (✏) which is present on top right corner.
3. Edit the required details. Tap **SAVE** to save the details.

SENDING A MESSAGE FROM CONTACTS

You can send SMS and MMS messages to the contacts.

1. On **Contacts** screen, scroll to the required contact and tap and open it.
2. Tap **Messages** (📧)**.**
3. The **Messages** screen is displayed. Enter the message.
4. Tap **Attach** (⌨) to attach GIF, Stickers, Location, Contact, or Attach files.
5. Tap **SMS** (➢) to send the message.

> 📄 If you attach a media file or a contact to your SMS message it is converted to an MMS message automatically.

MANAGING CONTACTS SETTINGS

On the **Contacts** screen, tap **Menu** (≡) to view the menu options. Following are the menu options:

CREATE LABEL

1. Under **Labels > Create label** (+). The following options are displayed if Google Account is configured in the device:
   - Google Account
   - PHONE
2. Tap one of the displayed option and enter the desired label name and tap **OK**.
3. On the **Contacts** screen, tap **Add a contact**. Tap the desired contact and it is added to the label. Created labels are displayed under **Labels**.

NOTE: Only contacts saved on the device can be added to a label that is saved on the device.

SETTINGS

1. **My info:** Set up your profile. Enter the details and tap **SAVE**.
2. **Accounts:** Manage accounts.
3. **Default account for new contacts:** Set default account for new contacts, **Google Account**, **Device**.
4. **Contacts to display:** Choose to display all contacts or customized contacts.
5. **Sort by:** Sort the contacts by their **First name** or **Last name**.
6. **Name format:** Set contact name format.
7. **Phonetic name**: Choose to always show phonetic name or hide if empty.
8. **Import.** Tap **.vcf file** to import contacts from **Google Account** (if it is configured) or **PHONE**.
9. **Export**.
   - **Export to .vcf file:** The contacts are saved as **contacts.vcf**. Tap **SAVE** and a toast message is displayed; **Contacts will be exported shortly**.
   - **Share all contacts:** Tap Share all contacts, follow the toast message to finish exporting contacts by:
   - Scroll down the notification bar, select exporting contacts item from notification curtain.

- You can choose the desired method from the list, such as Bluetooth, Drive, message, etc. Tap "Just once" if it is not how you always share your data or **"Always"**.
- Follow UI for the next steps, they differ per method you choose from the list.

> 📄 If the device has only one vcf file, it is imported without any selection window.

10. **Blocked numbers**. You will not receive any calls or text messages from the blocked numbers.
   - Tap **Add a number**. Enter the number to be blocked and tap **Block.** The number is blocked and you do not receive any call or message from that number. You can block calls from unidentified callers.

SEARCHING A CONTACT

1. On the **Contacts** screen, tap 🔍 at the top of the screen.
2. Enter the first few letters/numbers of the contact name/phone number to be searched.
3. All the contacts containing the searched text are displayed.

SHARING A CONTACT

1. On the **Contacts** screen, touch and hold the desired contact to select it.
2. Tap **Share** (≺) and you can use several modes to share the contact.

DELETING A CONTACT

1. On the **Contacts** screen, touch and hold the desired contacts to select them.
2. Tap **Delete** (🗑).
3. A confirmation message is displayed; These contacts will be deleted. Tap **Delete** to confirm.
4. The contacts are deleted.

MANAGING CALL SETTINGS

MAKING A CALL

From the Home screen, swipe up to access **App** screen, and tap **Telephone** (📞).

To dial a number, use one of the following options:

- **Dial pad:** Tap the **Dial pad** (🔴) enter the phone number, and tap the telephone icon to make a call.

  To dial an international number, include the respective country code prior to dialing the international phone number.

- **Favorites:** Tap the **Favorites** (⭐) to access your favorite contact list. Tap the contact you want to call.

- **Recents:** Tap the **Recents** (🕐) to access your call log. Tap the **Telephone** icon (📞) beside the contact or tap the contact, and tap the number.

- **Contacts:** Tap the **Contacts** (👥) to access the full contact list, then tap the contact you want to call, and tap 📞 to start the call.

DIALING A NUMBER VIA CONTACTS

1. From the Home screen, swipe up to access **App** screen, and tap **Contacts** (📇).
2. Scroll to the contact and tap the contact. The contact details are displayed.
3. Tap 📞 and a call is initiated.

ADDING CONTACT FROM THE DIALER/ PHONE APP

From the Home screen, swipe up to access **App** screen, and tap **Telephone** (📞).

1. On **Telephone** screen, tap **Dial pad** (🔴).
2. Enter the phone number of your new contact.
3. Tap **Create new contact** or **Add to a contact** to add the contact.
4. Follow the prompts to finish the step.

VIEWING CALL HISTORY

1. On **Telephone** screen, tap **Recents** (🕐).
2. Tap **Option** (⋮) **> Call History**.
3. Tap **ALL t**o view all the incoming, outgoing, and missed calls**.**
4. Tap **MISSED** to view only the missed calls.

MANAGING CALL SETTINGS

You can change the incoming call ring tone, set phone to vibrate while ringing and also activate voicemail, and other settings in Call settings screen.

Your phone uses sounds and vibrations to communicate with you, including ringtones, notifications, alarms, and navigation feedback. You can customize any of these sounds, as well as controlling their volume and the volume for music, videos, games, and other media.

DISPLAY OPTIONS

1. On **Telephone** screen, tap **Options** (⋮).
2. Tap **Settings** > **Display options.**

   - **Sort by:** You can sort the contacts by **First name** or **Last name.**
   - **Name format:** You have two options to display the contact name:
     - First name first
     - Last name first

SOUNDS AND VIBRATION

From here you can set & adjust your media volume, call volume, ring & notification volume & your alarm volume. You can also set your Do Not Disturb Mode, set your ringtone adjust various media settings, select vibration options for calls, dial pad tones, screen locking sounds, charging sounds & vibration, touch sounds & vibrations along with other various tones.

1. On **Telephone** screen, tap **Options** (⋮).
2. Tap **Settings** > **Sounds and vibration.**
3. To change the ringtone on your device, tap **Phone ringtone** and select from the list of available ringtones & press **OK**.
4. The ringtone is changed.

QUICK RESPONSES

The quick responses are the messages that can be used to reject the call with a message.

1. On **Telephone** screen, tap **Options** (⋮).
2. Tap **Settings** > **Quick responses.**

   The list of quick responses are displayed.

   NOTE: The max number of Quick responses you can save is 4.

3. Tap the required quick responses from the list to edit that particular message and tap **OK** to save the message to the list.

4. When an incoming call arrives, drag the message icon up to open a list of quick responses or the option to write your own message. Tap one of the messages to send it to the caller immediately and the call gets disconnected.

SPEED DIAL SETTINGS

With this option, the user can assign a contact to each key present in the keypad (2 to 9). Long press the keypad to initiate a call to the assigned contact.

To set the speed dial,

1. On **Telephone** screen, tap **Options** (⋮).

2. Tap **Settings** > **Speed dial settings**.

3. Speed dial #1 is reserved for voicemail and this cannot be edited.

4. Assign a contact for each key present in the keypad (2 to 9). Key 1 used for voicemail.

5. Long press the specific speed dial location to initiate a call to that speedial contact.

6. At anytime you can Replace or Delete a speed dial number by tapping on the respective speed dial location.

BLOCKED NUMBERS

1. On **Telephone** screen, tap **Options** (⋮).

2. Tap **Settings** > **Blocked numbers**.

3. Turn **On Unknown** to block calls from unidentified callers. This will cause the UNKOWN CALLER to go directly to voicemail.

4. Tap **Add a number** to add a phone number to the blocked number list. Enter the phone number you want to block and tap **Block** to save. You won't receive calls or texts from the blocked numbers. This will also apply to text messages.

ACCESSIBILITY

1. On **Telephone** screen, tap **Options** (⋮).

2. Tap **Settings** > **Accessibility.**

3. **TTY Mode:** If you enable TTY mode, hearing-impaired individuals can send and receive phone calls as text over the phone. Tap **TTY mode** to view and modify TTY mode with the following options:

- **TTY Off: d**isables TTY mode.
- **TTY Full:** enables TTY mode for both incoming and outgoing calls.
- **TTY HCO:** enables TTY mode only for incoming calls.
- **TTY VCO:** enables TTY mode only for outgoing calls.

4. **Hearing aids:** Turn it on for hearing aid compatibility.

5. **Real-time text (RTT) call:** Tap **Real-time text (RTT) call**, the two options are displayed:

- **RTT call button:** Tap to select **Always Visible** to always have access to the RTT call button.
- **RTT transcript:** Turn **On** RTT transcript.

ABOUT

1. On **Telephone** screen, tap **Options** (⋮).

2. Tap **Settings** > **About.**

3. You can view more information about Phone, such as Build version, Open source licenses, Privacy policy, and Terms of service.

SENDING MESSAGES AND EMAILS

SMS and MMS are convenient and inexpensive means of communication. You can send a text message to other people via SMS service. MMS allows you to send messages by including multimedia content such as pictures, audio files, video files and so on.

You can use the Messages app in your phone to send SMS and MMS message to other mobile phones or any other equipment that can receive SMS and MMS.

An active mobile data connection is required for sending a MMS. This option will only appear when Mobile Data is toggled off!

To be able to send MMS when mobile data is off, please go to Device Settings/Network & Internet/Mobile network/ MMS messages.

	The MMS feature will be available only if subscribed from your network operator.

From the Home screen, swipe up to access **App** screen, and tap **Messages** ( ).

SENDING SMS/MMS MESSAGE

You can send SMS and MMS messages to contacts in your phonebook and to new numbers that are not present in the phonebook.

1. On **Messages** screen, tap the plus (+) Icon.

2. Enter the contact name or the phone number in **To** field. When entering letters, contacts starting and containing the entered letters are displayed. Scroll down to select the desired contact.

3. Type the message in message field. When you add an attachment, the message automatically converts to a multimedia message.

4. You can add any multimedia attachment up to the size of <=1 MB*. To add an attachment, tap **Attach** ( ). Select the attachment type from the options in the next step. *file size may vary based on carrier requirements.

5. Select the multimedia file to be attached.

MANAGING MESSAGE SETTINGS

You can customize the way you want to view and filter the messages. You can also set the default messages application.

To view and modify the message settings,

1. On **Messages** screen, tap **Options** ( ) > **Settings**.

2. View and edit the following settings:

- Auto remove messages
- Blocked numbers
- Notifications
- Outgoing message sounds
- Advanced

DELETING MESSAGES

To delete messages,

1. Tap **Delete** ( ).

2. A confirmation message is displayed. Tap **Delete** to delete the message.

    OR

1. Tap and open the message to be deleted.

2. Tap **Options** ( ) > **Delete thread.**

3. A confirmation message is displayed. Tap **Delete** to delete the message thread.

4. To delete a single message, select a particular message and tap **Delete** ( ).

SETTING UP GMAIL ACCOUNTS

You have to configure your Gmail account to access your e-mail box and e-mail services.

USING APPLICATIONS

CAMERA

The Sonim XP10 has 50MP Main and 8MP ultra wide rear camera, and 8MP front camera with fixed focus for taking pictures. Saved pictures can be accessed & viewed from either the Photos app (📷) or by clicking on the gallery button just below the Slow Motion icon.

1. From the Home screen, swipe up to access App screen, and tap **Camera** (📷).

2. **Camera** mode (📷): tap soft key to capture the picture. Use Volume Up and Down key to work as alternative keys for capturing pictures. By pressing and holding the VOLUME UP or VOLUME DOWN key you can activate Continuous Shot, taking up to 10 pictures in rapid succession. Releasing the button at any point during the long press will end the continuous shot.

   - Tap on **Flash** (⚡): to activate or deactivate, you can also change it to auto or use it as flash

   - Tap on **Filter** (🎨) to choose the effect you like from the options listed

   - Tap on **AI** to enable or disable auto scene detection

   - Tap on **Aspect Ratio** (4:3) to choose among full screen; 16:9; 4:3 and 1:1

   - Tap on **Google Lens** (🔍) to let you search what you are seeing. Using a photo, or almost any image, Lens helps you discover visually similar images and related content, gathering results from all over the internet.

   - Tap on **Ultra wide** (🎥) to have wider viewfinder (from 80° to 120°). This is applicable to both camera mode and video mode.

3. In **Camera**, tap on **Options** (⚙) ->**Settings**

   - **Touch shot:** By enabling it, you can take a picture by pressing any place within viewfinder.

   - **Self timer:** You can choose from 3 seconds, 5 seconds and 10 seconds when you want to enable it, the picture will be taken by delaying the chosen timer.

   - **Shutter sound:** You can disable the shutter sound if by tapping on the option.

   - **Framing lines:** You can enable the faming line to have a reference on the vertical and horizontal direction when taking a picture.

   - **Geo tagging:** It records coordinates where pictures are taken, you can find those data in picture details.

   - **Picture size:** You can choose among 12.5M, 50M, 9M, 8M and 5M, it also has impact on the aspect ratio when you change picture size (Default is 4:3 picture size).

   - **Water mark:** Date info can be printed on the taken picture if this option is enabled.

   - **Restore defaults:** All the settings changed by you will be restored to out of factory settings.

   - **Mirror:** This feature is only available when using the front camera. When the mirror setting is enabled, your camera snaps a photo that is your mirror image instead of flipping your image as a camera usually does.

4. No matter what mode you are in, tap on **Options** (⚙) -> **Modes**

   - Tap on **Professional,** there are several professional settings provided for you to manually adjust parameters for picture taking, you can move the slider to change below settings: **Shutter speed** (🔆); **Exposure** (☀); **ISO** (ISO); **White balance** (☁); **Manual focus** (🔲)

   - Tap on **Time lapse**, choose the speed by changing the slider, and press the video button to start recording.

5. **Video** (🎥): tap on soft key to start recording, you can pause/resume recording as needed. Recording duration is also shown on the action bar. Options for video mode are **Shutter sound, Geo tagging** and **Restore defaults**. They work as same as they are in camera mode.

6. **Slow motion** (🏃): tap on soft key to start recording, you can pause/resume recording as needed. In slow motion mode, the motion pictures appear to be moving slower than normal. Slow motion will record in 720p.

7. **Bokeh** (▦): bokeh is the pleasing or aesthetic quality of out-of-focus blur in a photograph. It works with sub rear camera and rear main camera (dual camera).

8. **Beauty** (😊):

   - You can add sticker from the candidate list when portraits are taken if you choose **Sticker** (🎭)

   - By choosing **Skin** (😊) you can have smoother and smoother skin by moving the slider to the right when portraits are taken.

- **Whitten** (⬤) and **Rosy** (▦) can also let you have brighter and rosier face by moving the slider to the right.

CALENDAR

The Calendar helps you to set appointments, schedule reminders and alerts and repeat them if required. You can also view your saved tasks on a daily or weekly basis.

To access calendar;

1. From **App** screen, tap **Calendar** (🗓).
2. To change the calendar view, tap **Option** (≡) and you can view the calendar in **Schedule**, **Day**, **3 Day**, **Week** and **Month** format.
3. Tap **Add** (+) icon to add the following in your calendar:
   - **Goal:** You can choose a goal and the calendar schedules sessions for your goals.
   - **Reminder:** You can set a reminder for a call, email, text, check-in, or reservation.
   - **Event:** You can add an event in the calendar and tap **Save** to save the event.
4. Tap ≡ > **Settings** (⚙) to view the settings. The options are: **General**, **Events from Gmail**, **Events**, **Reminders**, **Birthdays** and **Holidays** which are synced with your email account.
5. Tap ⋮ > **Refresh** to sync the calendar.

CLOCK

You can view the time of major cities in different time zones using this function. You also have the option to use **Daylight Saving Time** (DST).

1. From **App** screen, tap **Clock** (🕐).
2. Tap **Clock** (◉).
3. Tap ⊕ located at the bottom of the screen to access the World clock screen. To view the list of cities and the current time, enter the first few alphabets to get the list of cities. Tap the city name and the selected city and the current time is added to the Clock.
   - The local time in the home city is displayed in the upper half of the screen.
   - To set the home city, select the desired city from the list. It is added to the selected cities list. The selected city is set as the home city.

4. Tap ⋮ and the following options are displayed:
   - Screen saver
   - Settings
   - Send feedback
   - Help

ALARM

You can set an alarm for a particular time.

1. From **App** screen, tap **Clock** (🕐).
2. Tap **Alarm** (◉) on the top of the screen.
3. Tap ⊕ to add a new alarm and tap **OK**.
4. Set the following items:
   - **Add label:** Enter a name for the alarm.
   - **Repeat:** Select the days to repeat the alarm.
   - **Alarm sound:** Select a sound to play for the alarm.
   - **Vibrate:** Activate alarm vibration.
   - **Google Assistant Routine:** Add the current alarm to your Google Assistant Routine.
   - **Delete:** Delete the current alarm.

   📄 The alarm will work even when the phone is set in silent mode.

TIMER

1. From **App** screen, tap **Clock** (🕐).
2. Tap **Timer** (⧗).
3. The following actions can be performed:
   - RESET, START, STOP, DELETE, ADD TIMER and Label

STOPWATCH

1. From **App** screen, tap **Clock** (🕐).
2. Tap **Stopwatch** (◉).
3. Select **START** (⊙) to run the stop watch.
4. Tap **RESET** (⟳) to reset the stopwatch time.
5. Tap **LAP** (◎) to count the time duration for each lap.
6. Tap **Pause** (❚❚) to pause the stopwatch.

CALCULATOR

The default calculator in this phone is designed to perform simple mathematical calculations.

1. From **App** screen, tap **Calculator** ( ).

2. To enter the numbers, tap the numeric soft keys.

3. To use mathematical operators, touch the respective operation soft keys on the keypad.

4. After performing the calculations, tap **=** for the final result.

5. Tap and the following options are displayed:

   - History

   - Choose theme

   - Send feedback

   - Help

SOUND RECORDER

You can record voice memos using the sound recorder. To access the sound recorder,

- From **App** screen, tap **Sound Recorder** ( ) .

  - To record an audio, tap **Record** ( ).

  - To stop the recording, select **Stop** ( ).

  - To save the voice memo, tap **Save**.

  - To exit without saving, tap **Discard**.

  - To play the recorded file instantly, on the **Sound Recorder** home screen, tap **Option** ( ) and the **Recording list** is opened. Tap the desired recording.

  - To pause the recording file instantly, tap **Pause** ( ).

FILES

You can view/edit/delete/share the files stored in the phone through Files. If you are using an SD card, you will be able to manage your files from here.

1. From **App** screen, tap **Files** ( ).

2. On the **Files** screen, there are 3 options at the bottom of the screen. Clean, Browse & Share:

   - **Clean:** You can clean Junk files, delete duplicates, delete large files, delete downloaded files. This feature will allow you to free up memory on your device.

   - **Browse:** You can see all the categories, e.g. Downloads, Images, Videos, Audio,etc.

   - **Share:** From here you can send or receive files with the Google Nearby Share feature.

3. **Safe Folder:** To set up the Safe Folder, from within Files and Browse menu, scroll to Collections, and tap on Safe Folder. To change the lock code or reset the Safe Folder, click on the Menu Key(insert icon), click on Settings, then Safe Folder. From here, select either a PIN or Pattern to lock your Safe Folder. If you lose your PIN or lock code, this cannot be recovered.

REGULATORY INFORMATION

SAFETY GUIDELINES

Please read and understand the following safety guidelines before you use the phone. These guidelines provide details to enable you to operate your phone safely and conform to any legal requirements regarding the use of cellular phones.

	Do not use the phone at a refueling point. Observe restrictions when using radio equipment at fuel depots, chemical plants or where blasting operations are in progress.
	Electrical interference may obstruct the use of your phone. Observe restrictions in hospitals and near medical equipment.
	Switch off your cellular phone when in an aircraft. Wireless phones can cause interference or danger to an aircraft. In an aircraft, the phone can be used in flight mode.
	Do not expose the device to high temperature (in excess of 55°C).
	Adhere to road safety laws. Do not hold/use a phone while you are driving; find a safe place to stop first. Use hands-free microphone while you are driving.
	Avoid using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.
	Use only Sonim XP10 approved charging equipment to charge your phone and avoid damage to your phone.
	The symbol of the crossed-out wheeled bin indicates that this product, and any enhancements marked with this symbol, can not be disposed as unsorted waste but must be taken to separate collection at their end-of-life.
	Ensure that only qualified personnel install or repair your phone.
	The Sonim XP10 is water-proof and can be submerged to 2 meters for 60 minutes. • Ensure to close the audio connector properly. This will prevent the deposit of water droplets on the connectors, when the phone is immersed in water. • Water droplets may condense under the display cover if the phone is immersed in water with significant drop in temperature. This does not indicate water leakage. The droplets will disappear at room temperature. The Sonim XP10 is dust-resistant, rugged and shock-resistant. However, it is not dust-proof or unbreakable if subjected to overwhelming impact. For best results and long product life, one should protect the Sonim XP10 from salt water, dust and strong impacts.

AVOID HIGH TEMPERATURES

Leaving the device in hot or cold places, such as in a closed car in summer or winter conditions, reduces the capacity and lifetime of the battery. For the best results, try to use the device between -20°C and +55°C (-4°F and 131°F). A device with a hot or cold battery may not work temporarily, even when the battery is fully charged. Battery performance is particularly limited in temperatures well below freezing.

PERSONAL MEDICAL DEVICES

Mobile phones may affect the operation of cardiac pacemakers and other implanted equipment. Please avoid placing the mobile phone over the pacemaker, for example in your breast pocket. When using the mobile phone, place it at the ear opposite the pacemaker. If a minimum distance of 15 cm (6 inches) is kept between the mobile phone and the pacemaker, the risk of interference is limited. If you suspect that interference is taking place, immediately turn off your mobile phone. Contact your cardiologist for more information. For other medical devices, consult your physician and the manufacturer of the device. Comply with instructions to switch off the device or deactivate the RF transmitter when required, especially when posted in hospitals and airplanes. Equipment used in these places may be sensitive to radio waves emitted from the device and adversely affect their operation. Also, observe restrictions at gas stations or other areas with flammable atmosphere or when close to electro-explosive devices.

CHILD SAFETY

Do not allow children to play with your mobile phone or its accessories. Keep it out of their reach. They could hurt themselves or others, or could accidentally damage the mobile phone or accessories. Your mobile phone and its accessories may contain small parts, which could be detached and create a choking hazard.

EMERGENCY CALLS

Mobile phones operate using radio signals, which cannot guarantee connection under all conditions. Therefore you should never rely solely upon any mobile phone for essential communications (e.g. medical emergencies). Emergency calls may not be possible in all areas, on all cellular networks, or when certain network services and/ or mobile phone features are in use. Check with your local service provider.

EU/UK SPECIFIC ABSORPTION RATE (SAR)

Your phone is tested to comply with applicable requirements and regulations of the European Union/UK of human exposure to radio wave. Specific Absorption Rate (SAR) is used to measure radio waves absorbed by a body. The device complies with RF specifications when the device is used at a distance of 5 mm from your body. The SAR limit is 2.0 W/kg averaged over 10 gram of Tissue in the European Union/UK. This product was tested and recorded the maximum SAR value as 0.98 W/kg for the head, 1.15 W/kg for the body, 2.38 W/kg for the limbs.

INDOOR USAGE RESTRICTION INFORMATION

Frequency band: 5150 - 5250 MHz:

Indoor use: Inside buildings only. Installations and use inside road vehicles and train carriages are not permitted. Limited outdoor use: If used outdoors, equipment shall not be attached to a fixed installation or to the external body of road vehicles, a fixed infrastructure or a fixed outdoor antenna. Use by unmanned aircraft systems (UAS) is limited to within the 5170 - 5250 MHz band.

Frequency band: 5250 - 5350 MHz:

Indoor use: Inside buildings only. Installations and use in road vehicles, trains and aircraft are not permitted. Outdoor use is not permitted. Operation of WAS/RLAN installations in large aircraft (excluding multi-engined helicopters) is permitted until 31 December 2028.

Frequency band: 5470 - 5725 MHz:

Installations and use in road vehicles, trains and aircraft and use for unmanned aircraft systems (UAS) are not permitted. Operation of WAS/RLAN installations in large aircraft (excluding multi-engined helicopters), except in the frequency band 5600 - 5650 MHz, is permitted until 31 December 2028.

CE/UKCA COMPLIANCE STATEMENT

This equipment may be operated in all European countries/UK.

	AT	BE	BG	HR	CY	CZ	DK
	EE	FL	FR	DE	EL	HU	IE
	IT	LV	LT	LU	MT	NL	PL
	PT	RO	SK	SI	ES	SE	UK(NI)

This radio equipment is also subject to certain restrictions when it is placed on the market in United Kingdom (UK): In accordance with the relevant statutory requirements in the UK, the 5130 to 5350 MHz Frequency range is restricted to indoor use in the United Kingdom.

XP9900 MAXIMUM POWER TABLE

CE, UKCA	BANDS	OPERATION FREQUENCY	MAXIMUM POWER (DBM)
GSM	1800	1710.2~1784.8 MHz	31.0 dBm
	900	880.2~914.8 MHz	34.0 dBm
WCDMA	1	1922.4~1977.6 MHz	25.0 dBm
	5	880-915MHz	25.0 dBm
	8	82.4~912.6 MHz	25.0 dBm
LTE	1	1920-1980MHZ	24.0 DBM
	3	1710-1785MHZ	24.0 DBM
	5	2500-2570MHZ	24.0 DBM
	7	880-915MHZ	24.0 DBM
	8	832-862MHZ	24.0 DBM
	20	703-748MHZ	24.0 DBM
	28	2570-2620MHZ	24.0 DBM
	34	2300-2400MHZ	24.0 DBM
	38	2570~2620 MHZ	24.0 DBM
	40	2300~2400 MHZ	24.0 DBM
	42	3400~3600 MHZ	24.0 DBM
	43	3600~3800 MHZ	24.0 DBM
NR SA/NSA	n1	1920~1980 MHZ	24.0 DBM
	n3	1710~1785 MHZ	24.0 DBM
	n5	824~849 MHZ	24.0 DBM
	n7	2500~2570 MHZ	24.0 DBM
	n8	882.5~912.5	24.0 DBM
	n20	832~862 MHZ	24.0 DBM
	n28	703~748 MHZ	24.0 DBM
	n38	2570~2620 MHZ	24.0 DBM
	n40	2300~2400 MHZ	24.0 DBM
	n41	2496~2690 MHZ	24.0 DBM
	n78	3300~3800 MHZ	24.0 DBM
Bluetooth	DER	2400~2483.5MHz	12.4 dBm
	BLE	2400~2483.5MHz	7.4 dBm
Wi-Fi	Wi~Fi 2.4G	2412~2472 MHz	19.6 dBm
	Wi~Fi 5G	5150~5725 MHz	19.6 dBm
	Wi~Fi 5G	5725~5825 MHz	12.9 dBm

CE C E   and UK CA   UKCA DoC

Hereby, Sonim Technologies, Inc. declares that the radio equipment type XP9900 is in compliance with directive 2014/53/EU and RER 2017 2017/1206). The declaration of conformity is available at the following

EU Declaration of Conformity

Manufacturer:

    Name: Sonim Technologies, Inc.

    Address: 4445 Eastgate Mall, Suite 200,San Diego, CA 92121, USA

Radio Equipment:

    Model: XP9900 (P32011)

    Description: GSM, WCDMA, LTE, NR Smart phone

    Radio-related Hardtware Version: 1.0

    Radio-related Software Version: 10.0.0-01-12.0.0-20.02.10

    Supplied Accessories and Components: USB cable, Battery

Specification of Accessory				
Battery	Brand Name	Sonim	Model Name	BAT-05000-01S
	Power Rating	3.87 V, 4850 mAh, 18.76 Wh	Type	Rechargeable Li-ion Polymer Battery
USB Cable	Brand Name	N/A	Model Name	336278
	Signal Line	1.0m shielded without core		

We, Sonim Technologies, Inc., declare under our sole responsibility that the product described above is in conformity with the relevant Union harmonization legislations:

RE Directive (2014/53/EU)

The following harmonized standards and/or other relevant standards have been applied:

1. **Health and Safety (Article 3.1(a) of the RE Directive)**

   - EN 50360:2017
   - EN 50566:2017
   - EN IEC 62311:2020
   - EN 62209-1:2016
   - EN 62209-2:2010+A1:2019
   - EN 50665:2017
   - BS EN 50360:2017
   - BS EN 50566:2017
   - BS EN IEC 62311:2020
   - BS EN 62209-1:2016
   - BS EN 62209-2:2010+A1:2019
   - BS EN 50665:2017
   - EN IEC 62368-1:2014/A11 :2017
   - EN 50332-2:2013
   - EN 50663:2017
   - EN 62479:2010

2. **Electromagnetic compatibility (Article 3.1 (b) of the RE Directive)**

   - ETSI EN301489-1 V2.2.3
   - ETSI EN301489-3 V2.2.0
   - ETSI EN301489-17 V3.2.4
   - ETSI EN 301 489-19 V2.1.1
   - ETSI EN 301 489-52 V1.1.2
   - EN 55032 : 2015
   - EN 55032 : 2015/A11: 2020
   - EN 55035 : 2017
   - EN 55035 : 2017/A11: 2020
   - BS EN 55032:2015+A11:2020
   - BS EN 55035:2017+A11:2020

3. **Radio frequency spectrum usage (Article 3.2 of the RE Directive)**

   - ETSI EN 301 511 V12.5.1
   - ETSI EN 301 908-1 V15.1.1
   - ETSI EN 301 908-2 V13.1.1
   - ETSI EN 301 908-13 V13.2.1
   - ETSI EN 301 908-25 V15.1.1_0.0.12
   - ETSI EN 300 328 V2.2.2

- ETSI EN 301 893 V2.1.1
- ETSI EN 300 440 V2.2.1
- ETSI EN 303 413 V1.2.1
- ETSI EN 303 417 V1.1.1
- ETSI EN 300 330 V2.1.1

4. **Radio equipment supports certain features ensuring access to emergency services (Article 3.3.g of the RE Directive)**
- Commission Delegated Regulation (EU) 2019/320 of 12 December 2018
- Guidelines for compliance with Delegated Regulation (EU) 2019/320 (European Commission, April 2021)

The notified body (Name: **American Certification Body, Inc.,** ID: **1588**) performed the conformity assessment according to Annex III of the RE Directive and issued the EU-type examination certificate (Ref. No.: ATCB030100).

And

RoHS Directive
1. Restrict use of certain hazardous substances (RoHS Directive)
- RoHS(2015/863/EU)
- RoHS(2011/65/EU)

Signed for and on behalf of: Sonim Technologies, Inc.

Place: 4445 Eastgate Mall, Suite 200,San Diego, CA 92121, USA,

Date: March 2, 2023

Name: Avena Xu

Function: Sr. Type Approval Manager

Signature:

UK Declaration of Conformity

Manufacturer:

Name: Sonim Technologies, Inc.

Address: 4445 Eastgate Mall, Suite 200,San Diego, CA 92121, USA

Radio Equipment:

Model: XP9900 (P32011)

Description: GSM, WCDMA, LTE, NR Smart phone

Radio-related Hardtware Version: 1.0

Radio-related Software Version: 10.0.0-01-12.0.0-20.02.10

Supplied Accessories and Components: USB cable, Battery, Adapter

Specification of Accessory				
Battery	Brand Name	Sonim	Model Name	BAT-05000-01S
	Power Rating	3.87 V, 4850 mAh, 18.76 Wh	Type	Rechargeable Li-ion Polymer Battery
USB Cable	Brand Name	N/A	Model Name	336278
	Signal Line	1.0m shielded without core		

We, Sonim Technologies, Inc., declare under our sole responsibility that the product described above is in conformity with the relevant UK legislations:

Radio Equipment Regulations 2017

The following harmonized standards and/or other relevant standards have been applied:

1. **Regulation 6 (1)(a) (protection of the health and of the safety of persons and of domestic animals and the protection of property)**

   - EN 50360:2017
   - EN 50566:2017
   - EN IEC 62311:2020
   - EN 62209-1:2016
   - EN 62209-2:2010+A1:2019
   - EN 50665:2017
   - BS EN 50360:2017
   - BS EN 50566:2017
   - BS EN IEC 62311:2020
   - BS EN 62209-1:2016
   - BS EN 62209-2:2010+A1:2019
   - BS EN 50665:2017
   - EN IEC 62368-1:2014/A11 :2017
   - EN 50332-2:2013
   - EN 50663:2017
   - EN 62479:2010

2. **Regulation 6 (1)(b) (an adequate level of electromagnetic compatibility)**

   - ETSI EN301489-1 V2.2.3
   - ETSI EN301489-3 V2.2.0
   - ETSI EN301489-17 V3.2.4
   - ETSI EN 301 489-19 V2.1.1
   - ETSI EN 301 489-52 V1.1.2
   - EN 55032 : 2015
   - EN 55032 : 2015/A11: 2020
   - EN 55035 : 2017
   - EN 55035 : 2017/A11: 2020
   - BS EN 55032:2015+A11:2020
   - BS EN 55035:2017+A11:2020

3. **Regulation 6 (2) (both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference)**

   - ETSI EN 301 511 V12.5.1
   - ETSI EN 301 908-1 V15.1.1
   - ETSI EN 301 908-2 V13.1.1
   - ETSI EN 301 908-13 V13.2.1

- ETSI EN 301 908-25 V15.1.1_0.0.12
- ETSI EN 300 328 V2.2.2
- ETSI EN 301 893 V2.1.1
- ETSI EN 300 440 V2.2.1
- ETSI EN 303 413 V1.2.1
- ETSI EN 303 417 V1.1.1
- ETSI EN 300 330 V2.1.1

The Conformity assessment of technical documents has been performed by the following approved body:

Name: ACB, Inc. | Number: 1588   and issued the certificate: ATCB030248.

Signed for and on behalf of: Sonim Technologies, Inc.

Place: 4445 Eastgate Mall, Suite 200,San Diego, CA 92121, USA,

Date: March 13, 2023

Name: Avena Xu

Function: Sr. Type Approval Manager

Signature:

ADDITIONAL BATTERY INFORMATION

BATTERY USAGE

Your Sonim XP10 phone comes with a removable battery. For any battery related questions, please contact the Sonim Customer Experience Center at 1-833-697-6646 (1-833-MY-SONIM) or email us at support@sonimtech.com.

• Use only a Sonim XP9900 certified battery

• (BAT-05000-1S) is designed for this phone model.

• The use of other batteries may cause permanent damage to your device, thus voiding the warranty.

• It is recommended to protect the battery from extreme temperature enviornments and moisture.

• Please leep the battery out of the reach of children.

• Promptly dispose of used batteries in accordance with local regulations.

VERIFYING AND OPTIMIZING BATTERY USAGE

• You can check the battery usage status and also close some applications to save battery power. From the application screen, select **Settings** (⚙) > **Battery** (🔋).

• The current battery level (charging or not charging) is displayed in the middle of the screen just below the Date information. Select **Settings** (⚙) > **Battery** (🔋)to view the discharge graph which shows the battery level over time since you last charged the device, and how long you have been running on battery power.

• The list at the bottom of the screen shows the breakdown of battery usage for individual apps and services. Select any listed items for more details. The details screen for some apps includes buttons that allow you to adjust settings affecting power usage, or stop the application completely.

• If you Force Stop an application, it may affect the overall performance of not only that application, but the device as well. If you notice any issues with device performance, please power cycle the device.

TIPS TO EXTEND THE BATTERY LIFE

Follow these tips to extend your phone's battery life.

• If you are not using Wi-Fi, Bluetooth, or GPS, use the Settings to turn them off. The GPS setting is located in **Settings > Location**.

• Set screen brightness to Low and set a shorter Sleep timeout (15 seconds). The display settings are located in **Settings > Display**.

• If you are traveling and do not have access to mobile data or Wi-Fi network, switch to Airplane mode. Select **Airplane mode** from **Quick Settings**.

CHARGING THE BATTERY

We recommend that you give your device a full charge before you use your device for the first time.

The ambient temperature during charging shall be in the range 0°C to 45°C (32°F to 113°F)

Only the power supplies with outputs meeting the SELV requirements can be used for charging. The maximum allowable input voltage for the phone is 5V.

There is a risk of explosion while charging if the battery has been replaced by an incorrect type.

If the battery is completely out of charge, it can take several minutes for the charging icon to appear when the charger is connected.

PROPERLY CHARGING THE DEVICE

1. **INSERT CHARGER** Insert the charger plug into a power outlet.

2. **CONNECT TO THE PHONE** The charging port is located on the bottom center of the phone. Open the port cover and insert the charging connector to the charging port.

3. **CHARGING ANIMATION/ICON**

• If the battery is being charged when the phone is switched off, a battery charging animation with current battery level is displayed.

• If the battery is being charged while the phone is switched on, the battery icon on the status bar shows the animation indicating that the battery is being charged.

• After the battery is fully charged the charging animation stops and you can disconnect the charger from the phone. A message is displayed as Battery is full. Please unplug the charger.

STORING YOUR PHONE OR BATTERY

If you plan to store your phone or your battery for an extended time, please follow the recommendations below to ensure long battery life and minimize battery self-discharge:

- Charge your battery to a level between 40% to 80%

- Store phone and battery separately to minimize battery trickle drain

- Insulate the battery terminals to avoid discoloration and potential shirt circuits with other battery terminals

- Store the battery in dry and cool conditions in a vibration-free environment

- If you use a climate-controlled storage location, set the temperature to 50° to 64° F (10° - 18°Celsius) and keep the relative humidity between 40% - 50%

- Recharge the battery once every 6 months, using the original Sonim wall charger and charging cable