



CT37 Series

powered by Android™

Quick Start Guide

Agency Models

CT37 Series: CT37X0N, CT37X1N

Note: *Due to variations in model configurations, your computer may appear different than illustrated.*

Out of the Box

Make sure that your shipping box contains these items:

Standard SKUs:

- CT37 mobile computer
- Rechargeable Li-ion battery
- Standard hand strap
- Product documentation

Healthcare SKUs:

- CT37 mobile computer
- Rechargeable Li-ion battery
- USB Type C plug (SKU dependent, pre-installed)
- Product documentation

If you ordered accessories for your mobile computer, verify that they are also included with the order. Be sure to keep the original packaging in case you need to return the mobile computer for service.

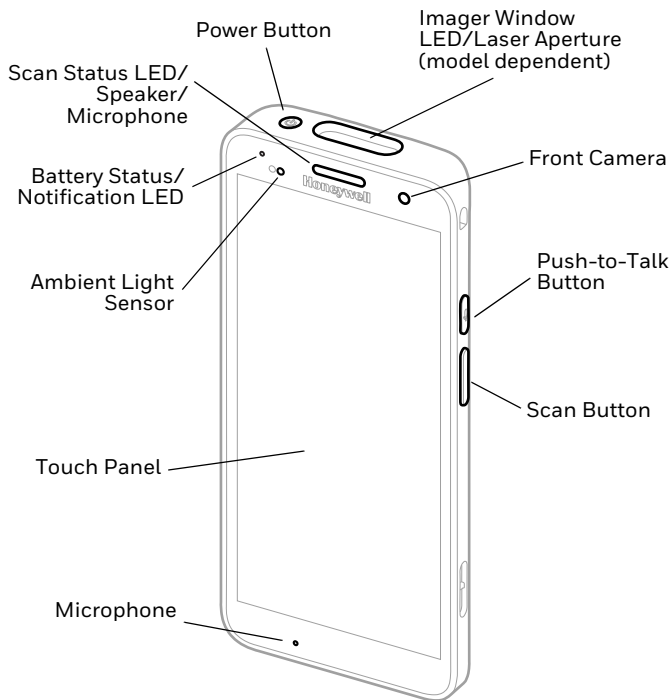
Note: *CT37X0N models do not include a WWAN radio.*

Memory Card Specifications

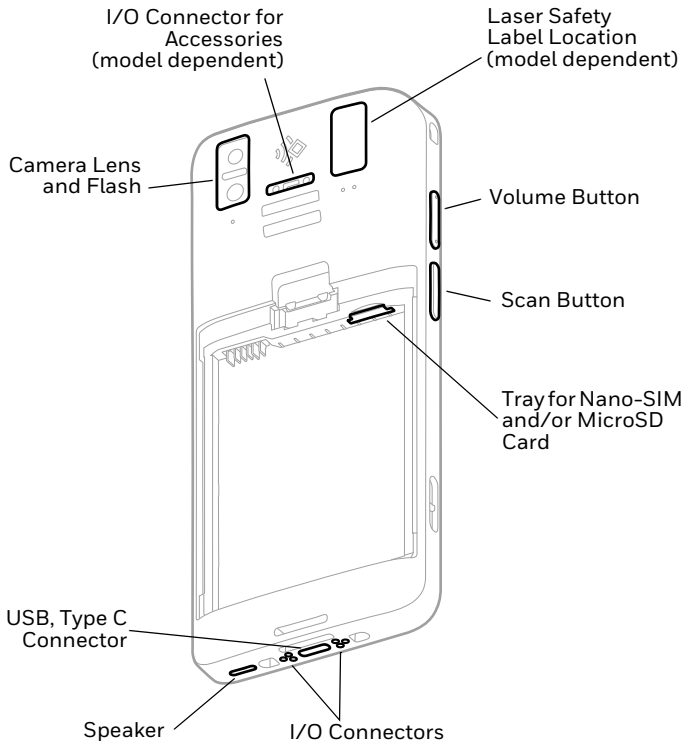
Honeywell recommends the use of Single Level Cell (SLC) industrial grade microSD™, microSDHC™ or microSDXC™ memory cards with mobile computers for maximum performance and durability. Contact a Honeywell sales representative for additional information on qualified memory card options.

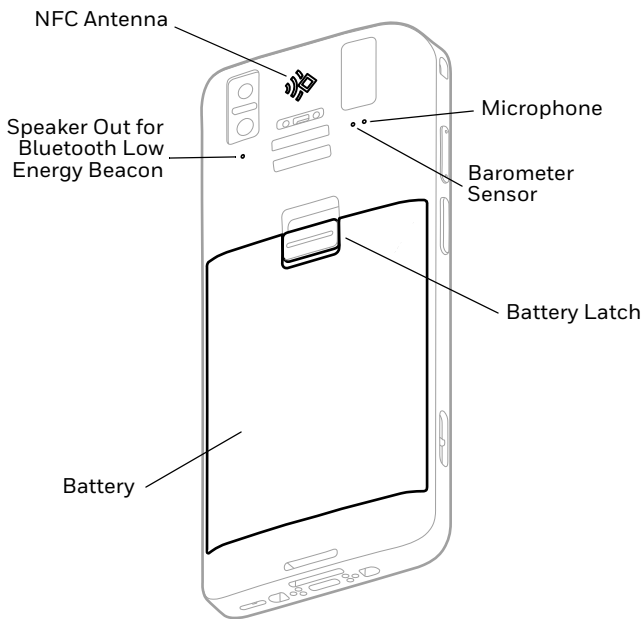
Computer Features

Note: Due to variations in model configurations, your computer may appear different than illustrated.



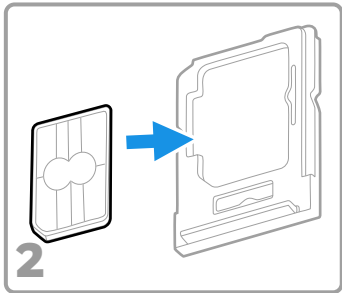
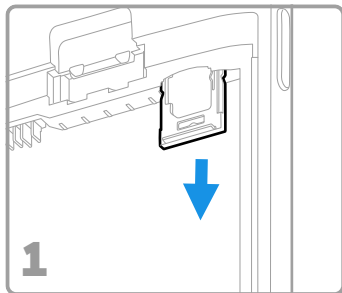
Note: Hand strap not shown.





Install a Nano-SIM Card (WWAN Models)

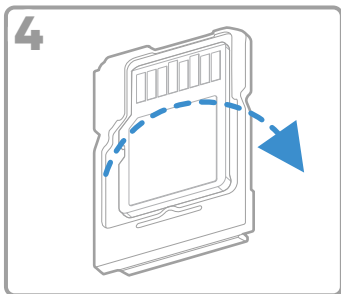
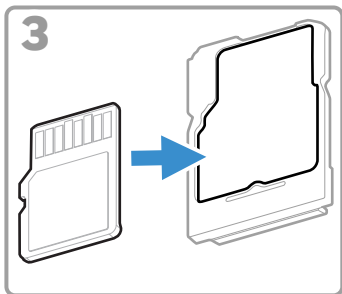
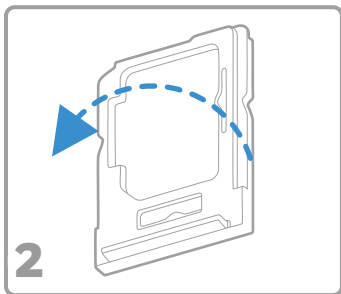
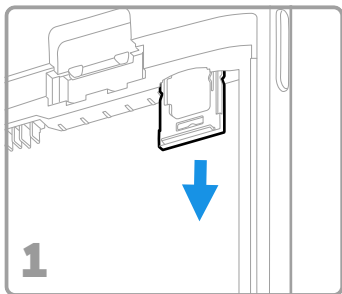
Either a nano-SIM card or embedded SIM (eSIM) is used to activate the phone and connect to a mobile network. Refer to the user guide for additional information.



Note: Always power off the computer before attempting to install or remove a nano-SIM card.

Install a microSD Card (Optional)

Note: Format the microSD card before initial use.



Note: Always power off the computer before attempting to install or remove a microSD card.

About the Battery

The mobile computer ships with a Li-ion battery manufactured for Honeywell International Inc.



Before you attempt to use, charge or replace the battery in the device, carefully read all labels, markings and product documentation provided in the box or online at automation.honeywell.com. To learn more about Battery Maintenance for Portable Devices, go to honeywell.com/PSS-BatteryMaintenance.

Avant d'essayer d'utiliser, de charger ou de remplacer la batterie de l'appareil, lisez attentivement toutes les étiquettes, marquages et documentation du produit fournis dans la boîte ou en ligne à automation.honeywell.com. Pour en savoir plus sur l'Entretien de Batteries pour Appareils Portables, consultez-le honeywell.com/PSS-BatteryMaintenance.



We recommend use of Honeywell Li-ion battery packs. Use of any non-Honeywell battery may result in damage not covered by the warranty.

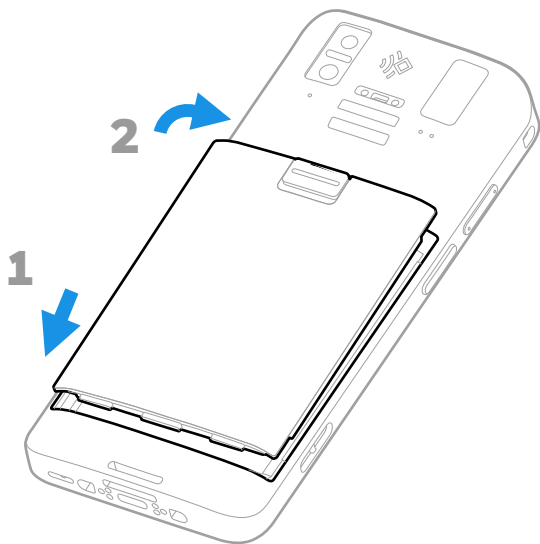
Nous recommandons l'utilisation de batteries Li-ion de la marque Honeywell. L'utilisation d'une batterie d'un autre fabricant est susceptible de provoquer des dommages non couverts par la garantie.



Ensure all components are dry prior to placing the battery in the computer. Mating wet components may cause damage not covered by the warranty.

Assurez-vous que tous les composants sont secs avant d'insérer la batterie dans l'ordinateur. L'insertion de composants humides risque de provoquer des dommages non couverts par la garantie.

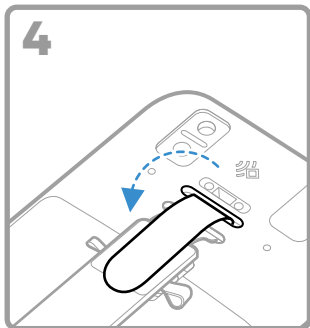
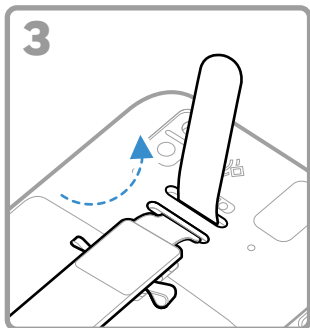
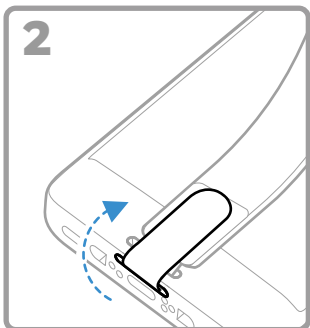
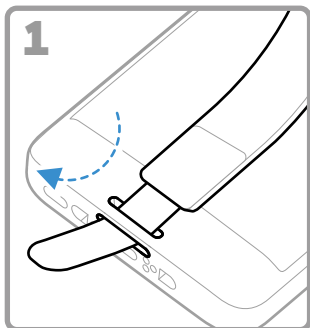
Install Battery



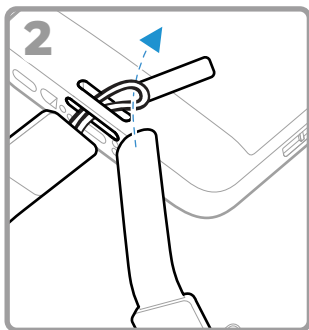
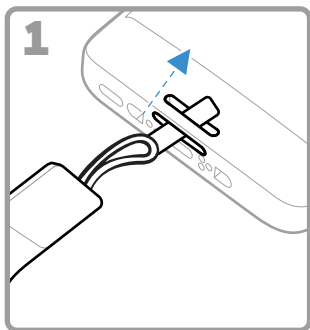
Install the Hand Strap (SKU Dependent)

Standard Version

Note: See [page 11](#) for Healthcare hand strap version (sold separately).



Healthcare Version (Sold Separately)



Note: The optional hand strap for healthcare models is intended for use in environments where cleaning and disinfecting are performed.

Charge the Mobile Computer

The mobile computer ships with a partially charged battery. Charge the battery before initial use with a CT37 charging device for a minimum of **3 hours**.

Note: *Using the computer while charging the battery increases the time required to reach a full charge. If the mobile computer is drawing more current than supplied by the charging source, charging will not take place.*



We recommend the use of Honeywell accessories and power adapters. Use of any non-Honeywell accessories or power adapters may cause damage not covered by the warranty.

Nous recommandons d'utiliser des accessoires et des adaptateurs secteur de marque Honeywell.

L'utilisation de tout accessoire ou adaptateur secteur d'une autre marque est susceptible de provoquer des dommages non couverts par la garantie.

CT37 series mobile computers are designed for use with CT37 charging accessories. For more information, see the CT37 Accessory Guide available for download at automation.honeywell.com.



Ensure all components are dry prior to mating the computers and batteries with peripheral devices. Mating wet components may cause damage not covered by the warranty.

Assurez-vous que tous les composants sont secs avant de raccorder les ordinateurs et les batteries à des périphériques. L'insertion de composants humides risque de provoquer des dommages non couverts par la garantie.

About the USB Type C Connector

You can use a USB cable to charge the mobile computer from a host device (e.g., laptop or desktop computer). The connected host device must supply a minimum power output of 5V, 0.5A to the CT37 or the battery will not charge.

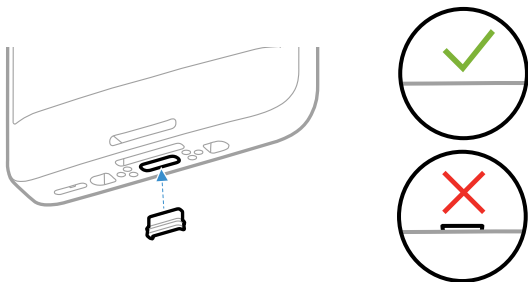
Note: *On Healthcare SKUs, verify the USB Type C plug has been removed before attempting to attach a cable to the USB connector.*

About the USB Type C Plug

Healthcare models include a protective plug for the USB Type C connector that is pre-installed.

When you reinstall the plug, make sure the plug is flush with the body of the computer.

Note: *Do not use sharp or metallic instruments to install or remove the plug.*



Note: *Verify the plug is properly installed if intermittent charging and/or communication issues occur when the computer is placed in an accessory.*

Turn Power On/Off

Note: Charge the battery before initial use with a CT37 charging device for a minimum of **3 hours**.

The first time you power on the computer, a Welcome screen appears. You can either scan a configuration barcode or use the Wizard to manually set up the computer. Once setup is complete, the Welcome screen no longer appears on startup and Provisioning mode is automatically turned off (disabled).

To turn the computer on:

- Press and hold the **Power** button for approximately 3 seconds and then release.

To turn the computer off:

1. Press and hold the **Power** button until the options menu appears.
2. Touch **Power Off**.

Battery Replacement

To replace the battery, you can turn the computer off or perform a battery swap (i.e., hot swap or warm swap).

Note: Do not install or remove the microSD card or nano-SIM card while performing a hot swap or warm swap.

Hot Swap

The computer includes an internal battery that provides limited power for on demand replacement of the main battery (i.e., hot swap).

You can replace the battery on demand provided the following conditions are met:

- The internal battery is charged (see note).
- You insert a charged battery within 60 seconds (30 seconds if the temperature is below 0°C/32°F).
- The battery temperature is between -10°C to 50°C (14°F to 122°F).

Note: *If battery charge drops below 15% and the battery temperature is under -10°C (14°F), a low battery icon appears in the status bar. Swipe down to access the notification and follow the warm swap procedure.*

Note: *The internal battery is charged via the main battery but can be depleted if too many consecutive hot swaps occur over a short time. If a low internal battery notification displays, do not perform a hot swap until the notification clears. The internal battery is not user replaceable.*

Refer to the user guide for additional guidance on use of the battery hot swap feature.

Swap Battery Mode (Warm Swap)

Swap Battery mode places the computer in a lower power state so that the battery can be removed for a short time.

You can warm swap the battery provided the following conditions are met:

- The internal battery is charged.
- You insert a charged battery within 60 seconds.
- Battery temperature is between -20°C to 50°C (-4°F to 122°F).

To activate Swap Battery mode:

1. Press and hold the **Power** button until the options menu appears.
2. Select **Swap Battery** and follow the on-screen instructions.
3. Once you replace the battery, press the **Power** button.

Note: *Swap Battery mode (warm swap) is firmware dependent. Update the CT37 to the latest firmware release if “Swap Battery” does not appear on the menu.*

Screen Timeout

The screen timeout (sleep mode) automatically turns the touch panel display off and locks the computer to save battery power when the computer is inactive for a programmed period of time.

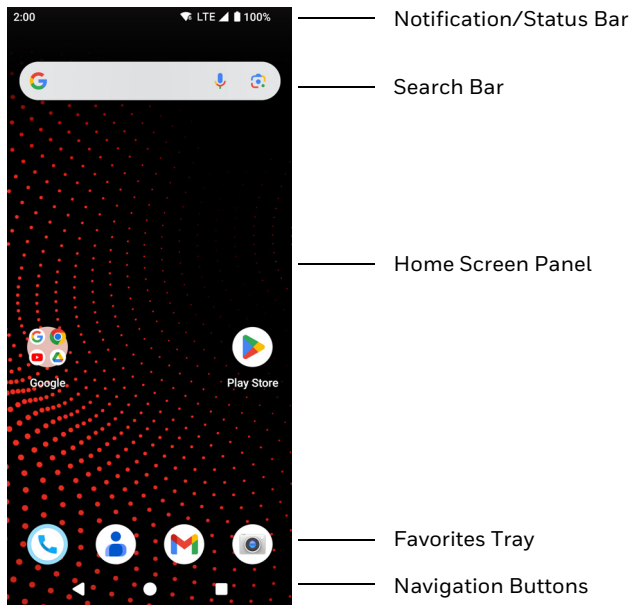
- Press and release the **Power** button to wake the computer.

Adjust the Screen Timeout

To adjust the amount of time before the display sleeps after inactivity:

1. Swipe up on the touch screen.
2. Select **Settings > Display > Screen Timeout**.
3. Select the amount of time before the display goes to sleep.

About the Home Screen



Navigation and Function Buttons

For button locations, see [Computer Features](#) on page 3.

Button	Description	
	Back	Return to the previous screen.
	Home	Return to the Home screen.
	Recent Apps	View and switch between recently used apps.
	Volume	Press the top of the button to raise the speaker volume. Press the bottom of the button to lower the speaker volume.
	Scan	Press left or right Scan button to trigger the scanner.
	Push-to-Talk	Push-to-Talk button for use with apps that support the feature for voice over IP (VoIP) calls over Wi-Fi or cellular data network connections.
	Power	• Turn Power On/Off • Enter/Exit Screen Timeout (sleep). • Access options menu, including: Power off, Restart, and Emergency.

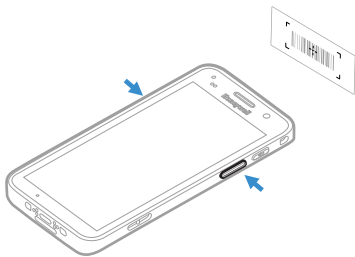
About Provisioning Mode

After completing the out-of-box set up process, Provisioning mode is automatically turned off. Scanning a barcode to install applications, certificates, configuration files, and licenses on the computer is restricted unless you enable Provisioning mode in the Settings app. To learn more, see the user guide.

Scan a Barcode with the Scan Demo

For optimum performance, avoid reflections by scanning the barcode at a slight angle.

1. Swipe up on the screen.
2. Select **Demos > Scan Demo**.
3. Point the computer at the barcode.
4. Touch **Scan** on the screen or press and hold any Scan button. Center the aiming beam over the barcode.



The decode results appear on the screen.

Note: *In the Scan Demo app, not all barcode symbologies are enabled by default. If a barcode does not scan, the correct symbology may not be enabled. To learn how to modify the default app settings, see the user guide.*

Sync Data

To move files between your CT37 and a computer:

1. Connect the CT37 to your computer using a USB charge/communication accessory.
2. On the CT37, swipe down from the top of the screen to see the notifications panel.
3. Touch the **Android System** notification twice to open the options menu.
4. Select either **File Transfer** or **PTP**.
5. Open the file browser on your computer.
6. Browse to the CT37. You can now copy, delete, and move files or folders between your computer and CT37 as you would with any other storage drive (e.g., cut and paste or drag and drop).

Note: *When Provisioning mode is turned off, some folders are hidden from view in the file browser.*

Restart the Mobile Computer

You may need to restart the mobile computer to correct conditions where an application stops responding to the system or the computer seems to be locked up.

1. Press and hold the **Power** button until the options menu appears.
2. Select **Restart**.

To restart the computer if the touch panel display is unresponsive:

- Press and hold the **Power** button for approximately 8 seconds until the computer restarts.

Note: To learn about advanced reset options, see the user guide.

Support

To search our knowledge base for a solution or log into the Technical Support Portal and report a problem, go to honeywell.com/PSStechnicalsupport.

Documentation

Product documentation is available at automation.honeywell.com.

Limited Warranty

For warranty information, go to automation.honeywell.com and click **Support** > **Productivity Solutions** > **Warranties**.

Patents

For patent information, see www.hsmpats.com.

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