Honeywell CT45 XP Series Rugged Handheld Computers User Guide

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Agency Models

CT45 series: CT45-L0N
CT45 XP series: CT45P-L0N, CT40P-X0N

Out of the Box

Make sure that your shipping box contains these items:

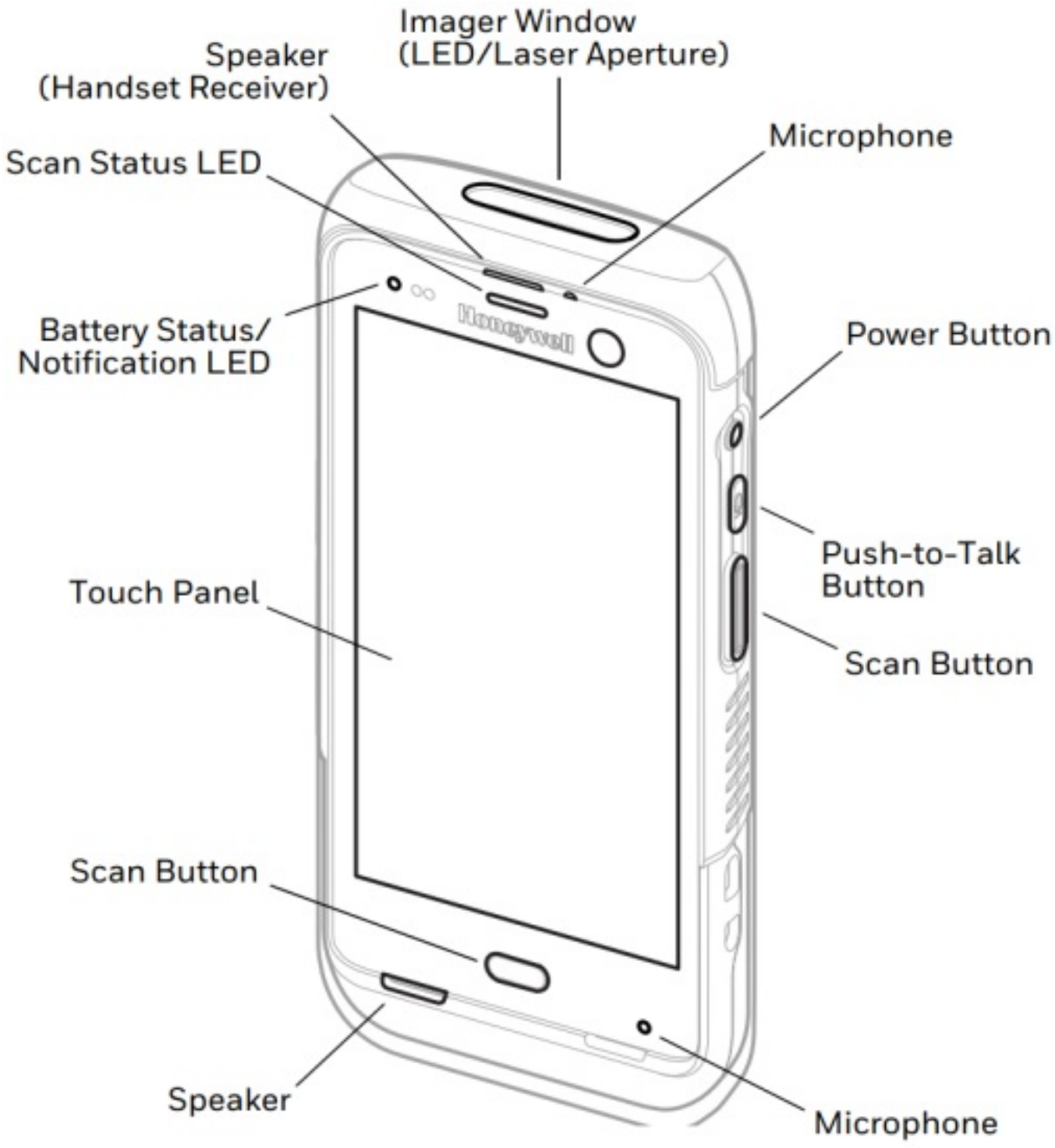
- CT45/CT45 XP mobile computer
- Rechargeable li-ion battery (see page 6)
- Hand strap
- Product documentation

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.

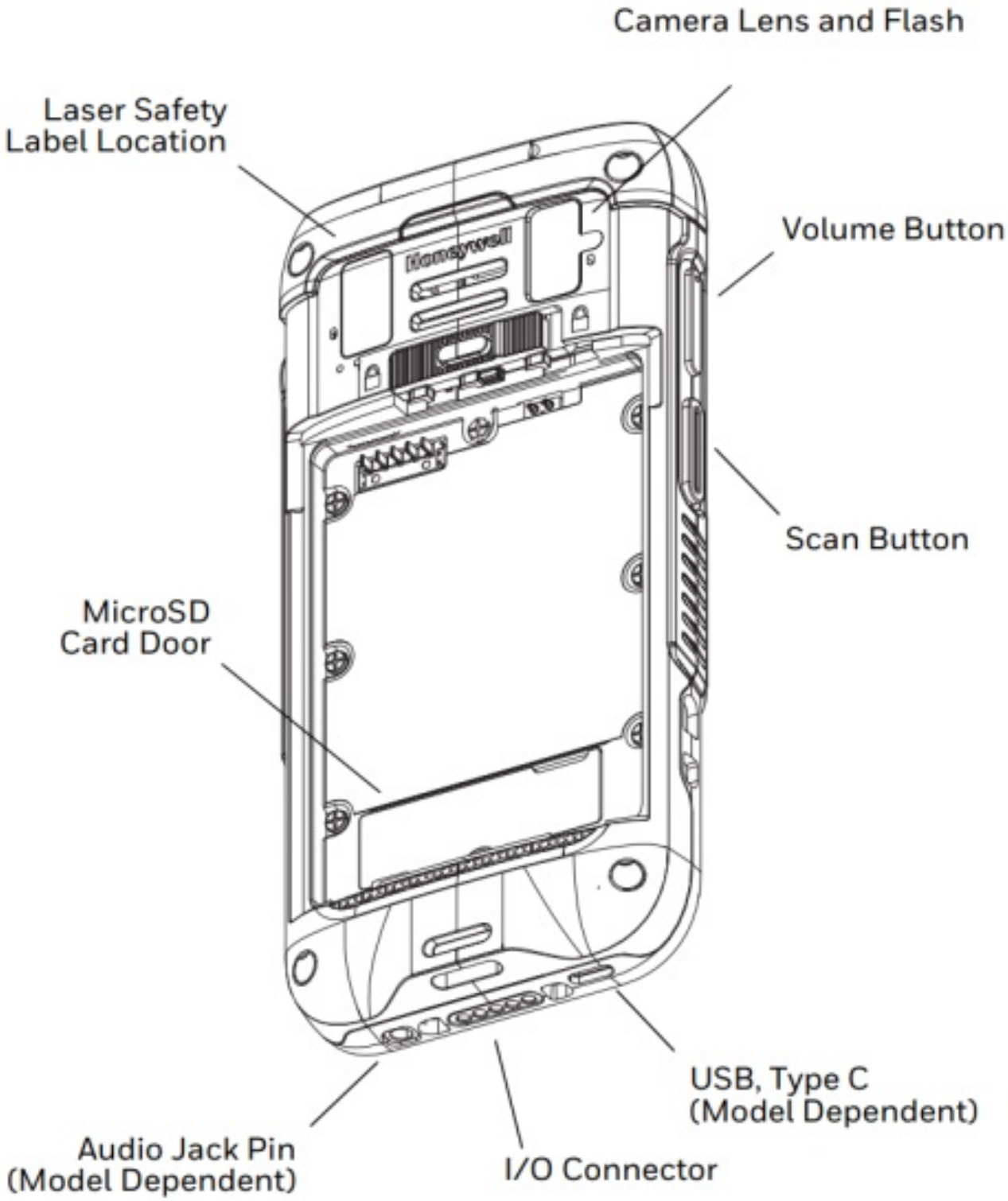
Memory Card Specifications

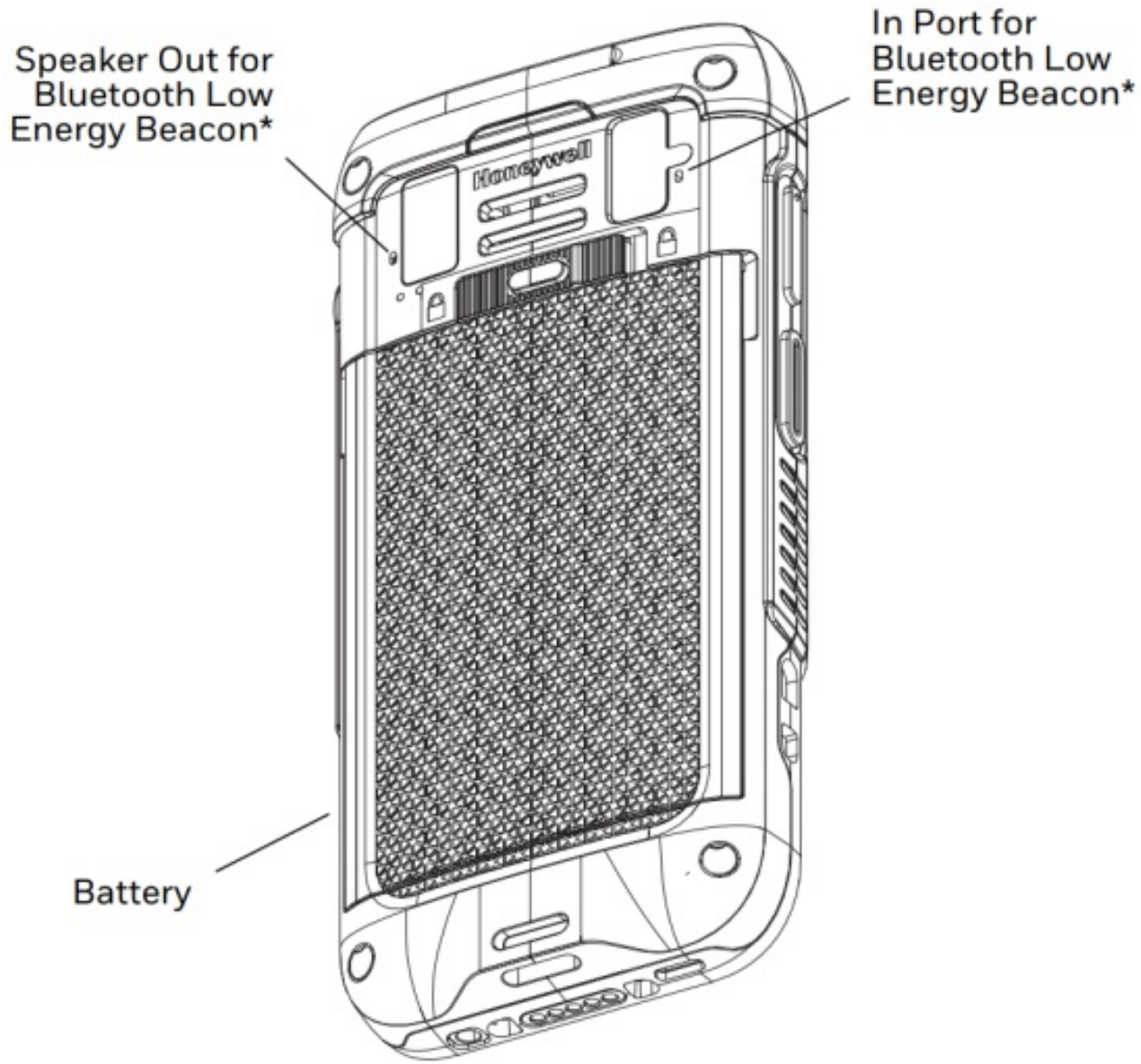
Honeywell recommends the use of Single Level Cell (SLC) industrial grade microSD™ or microSDHC™ memory cards with mobile computers for maximum performance and durability. Contact a Honeywell sales representative for additional information on qualified memory card options.

CT45 Mobile Computer Features



Note: Hand strap not shown.

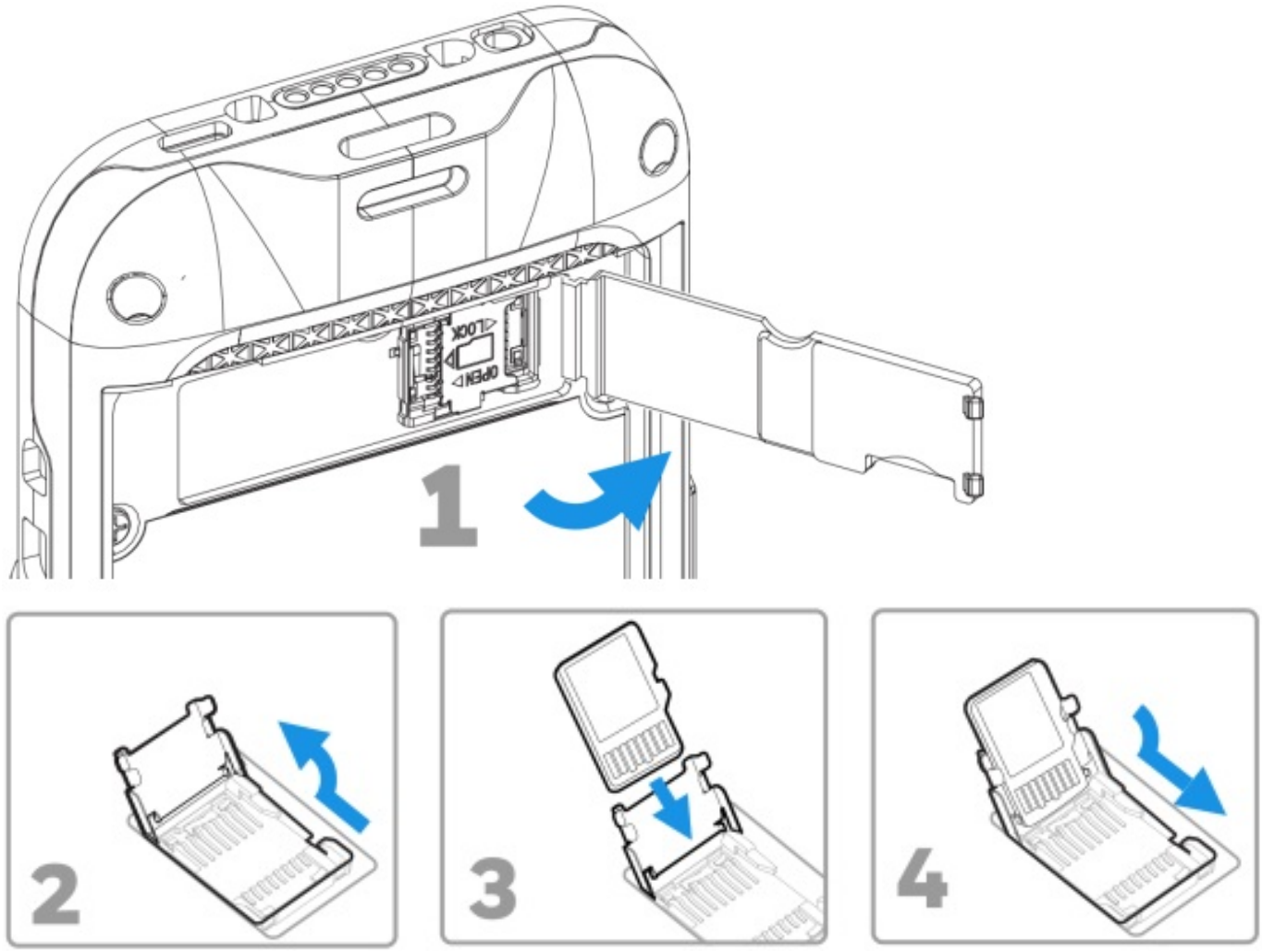

Camera Lens and Flash
Laser Safety Label Location
Volume Button
Scan Button
MicroSD Card Door
USB, Type C (Model Dependent)
Audio Jack Pin (Model Dependent)
I/O Connector



* Part of Honeywell Device Finder solution when CT40 XP mobile computer is registered with Operational Intelligence.

Install a microSD Card (Optional)

Note: Format the microSD card before initial use.



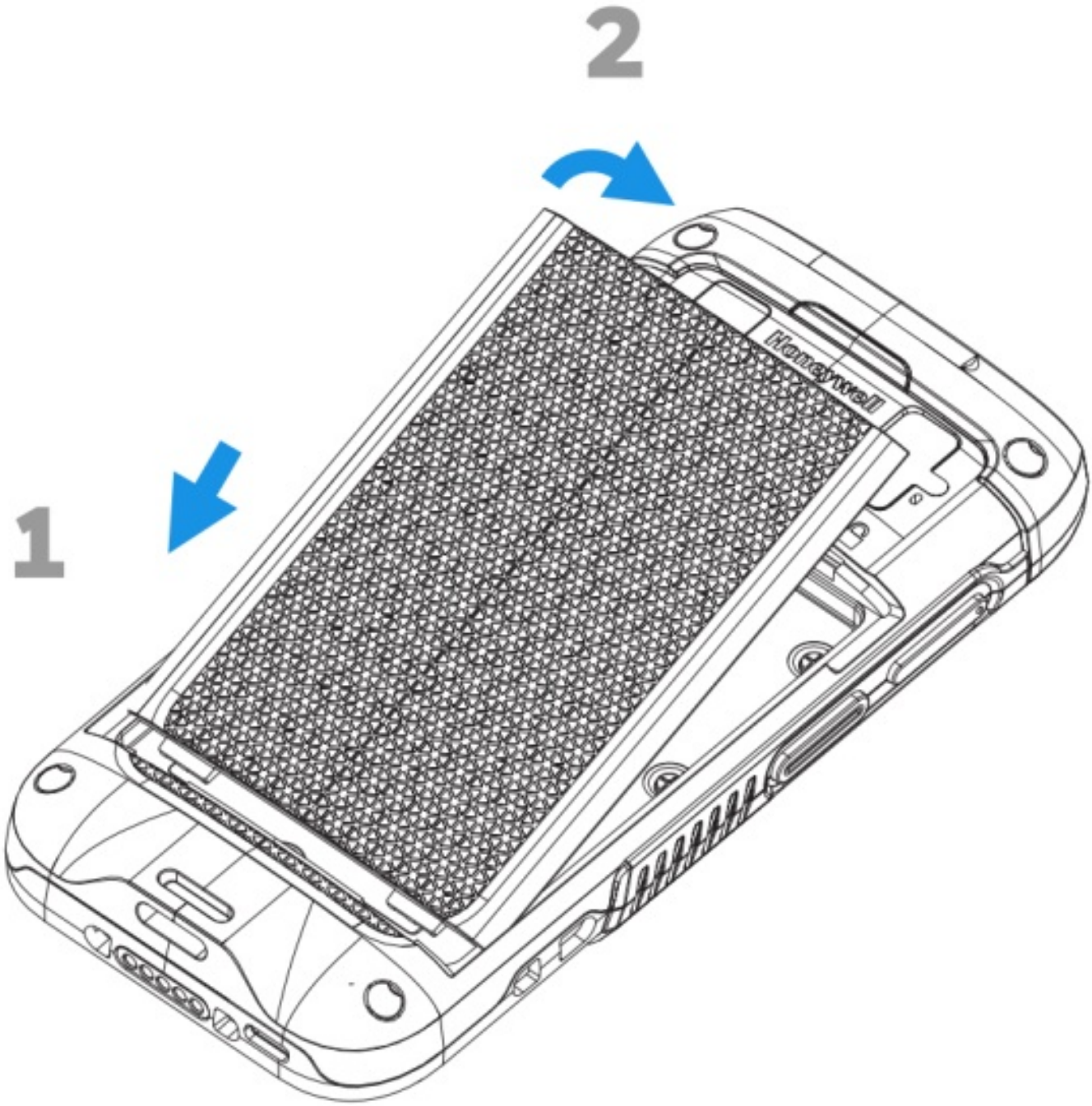
Note: Always power off the computer before attempting to install or remove a card.

About the Battery

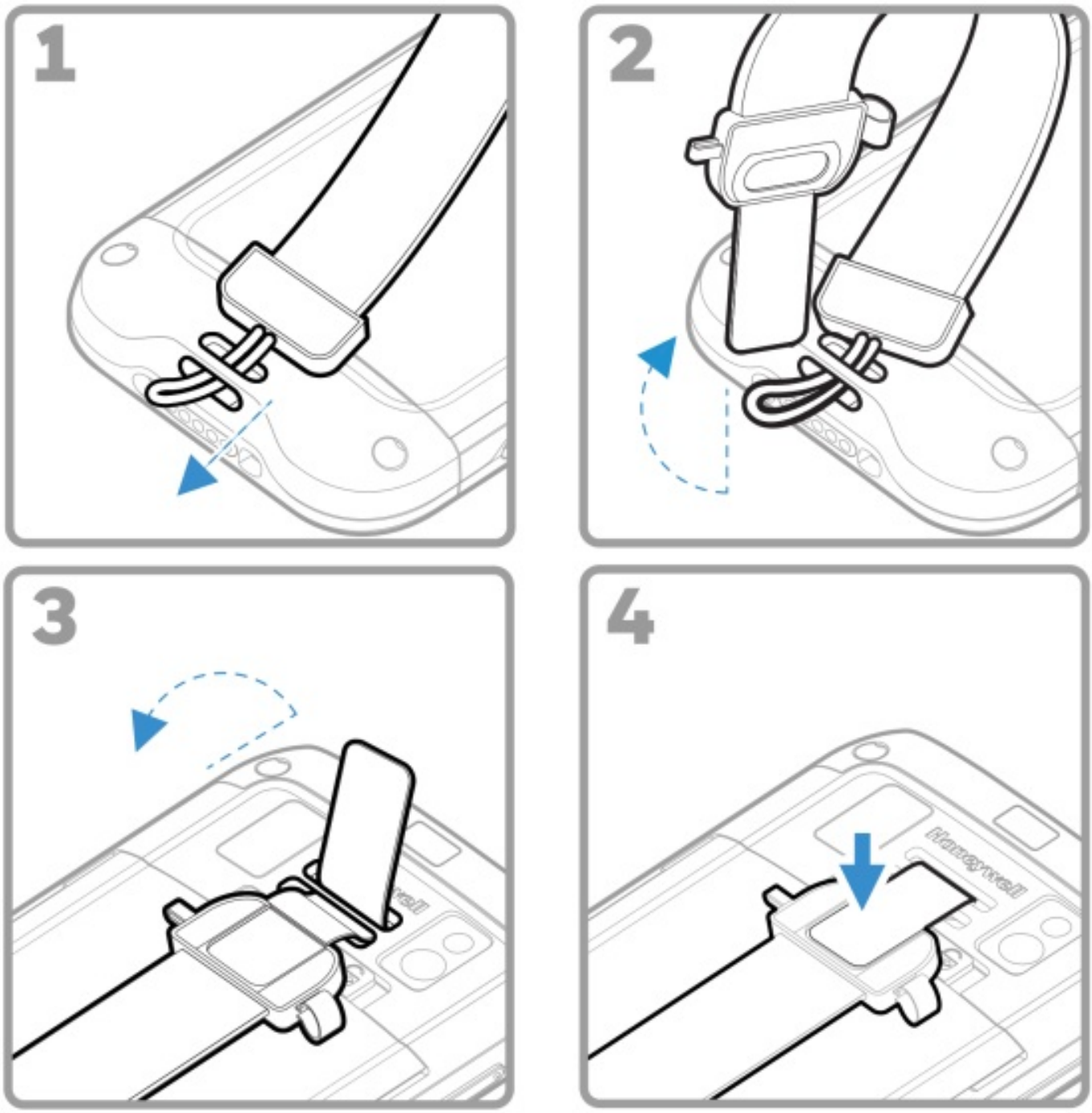
The mobile computer ships with a 3.85 VDC, 15.5 watt-hour Li-ion battery manufactured for Honeywell International Inc.

⚠	We recommend use of Honeywell Li-ion battery packs. Use of any non-Honeywell battery may r esult in damage not covered by the warranty.
⚠	Ensure all components are dry prior to placing the battery in the computer. Mating wet compone nts may cause damage not covered by the warranty.

Install Battery



Install the Hand Strap



Charge the Mobile Computer

The mobile computer ships with a partially charged battery. Charge the battery with a CT45 series charging device for a minimum of 4 hours. Using the computer while charging the battery increases the time required to reach a full charge.

⚠	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.

CT45/CT45 XP series mobile computers are designed for use with CT40/CT45 charging accessories. For more information, see the CT40/CT45 Series Accessory Guide available for download at www.honeywellaidc.com.

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

About CT45 XP Models with 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, 1A to the CT45/CT45 XP or the battery will not charge.
Note: If the mobile computer is drawing more current than supplied by the charging source, charging will not take place.

Turn Power On/Off

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

Before removing the battery, always do one of the following:

- Power off the computer.
- Place the unit in Swap Battery mode (available on CT45 XP models only).

Swap Battery Mode (CT45 XP Only)

Swap Battery mode places the computer in a low power state so that the battery can be removed for a short time. This feature is not available on all models.

To activate Swap Battery mode:

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

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.

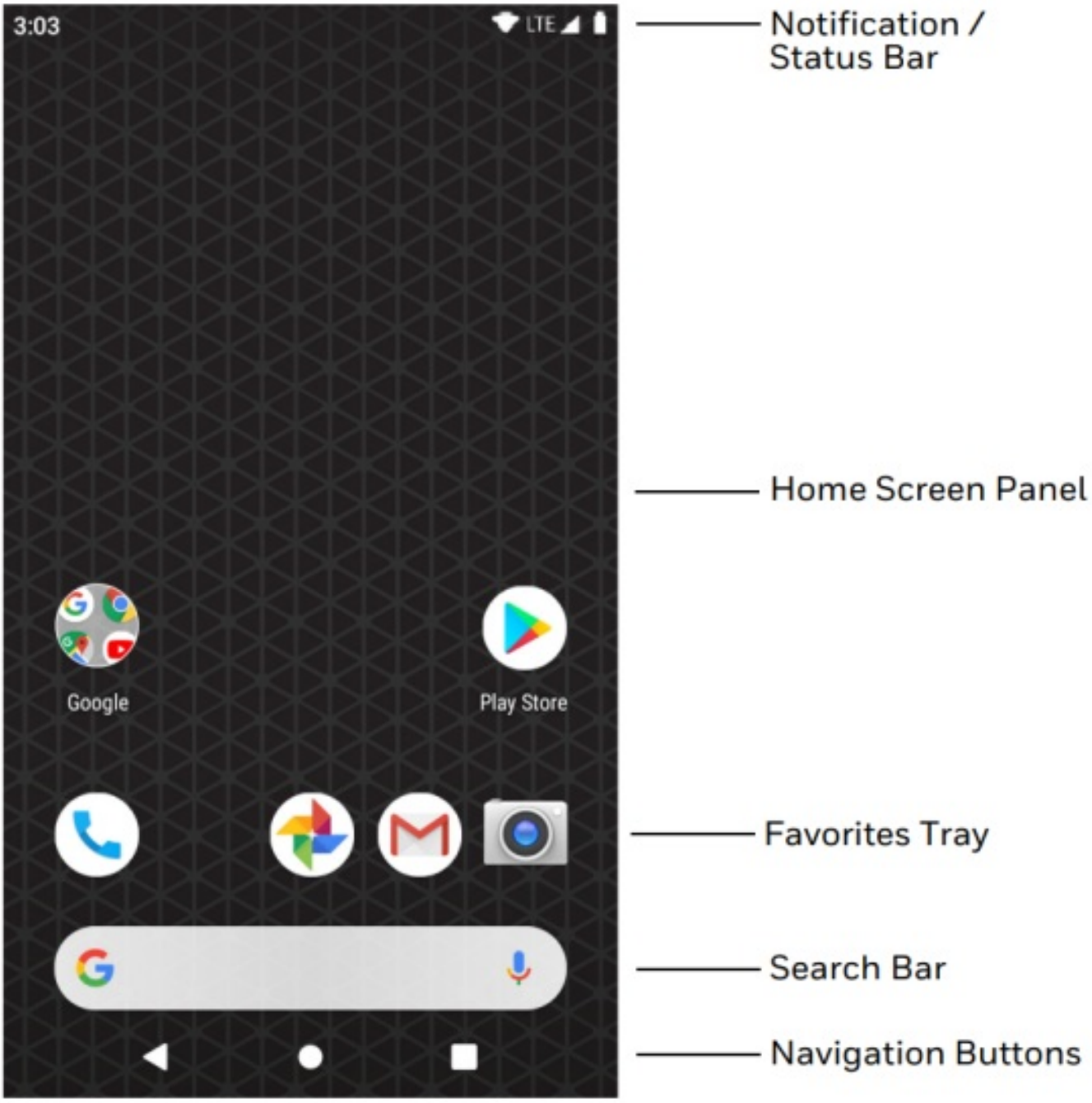
- Press and release the Power button to wake the computer.

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 > Advanced > Screen Timeout.**
3. Select the amount of time before the display goes to sleep.

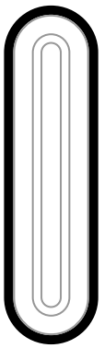
About the Home Screen



To learn how to customize the Home screen, see the user guide.

Navigation and Function Buttons

For button locations, see CT45 Mobile Computer Features on page 2.

Button	Description	
	Back	Return to the previous screen.
	Home	Return to the Home screen.
	Recent Apps	View and switch between recently used apps.
	Scan	Touch the front (on-screen) Scan button to trigger the scanner
	Volume	Press the top of the button to raise the speaker volume. Press the bott om of button to lower the speaker volume.
	Scan	Press left or right Scan button to trigger the scanner.

	Push-to-Talk	Push-to-Talk (CT45 XP models only).
	Power	• Turn Power On/Off • Enter/Exit Screen Timeout (sleep). • Access options menu, including: Power off, Restart, Swap Battery Mode (CT45 XP Only), and Screenshot.

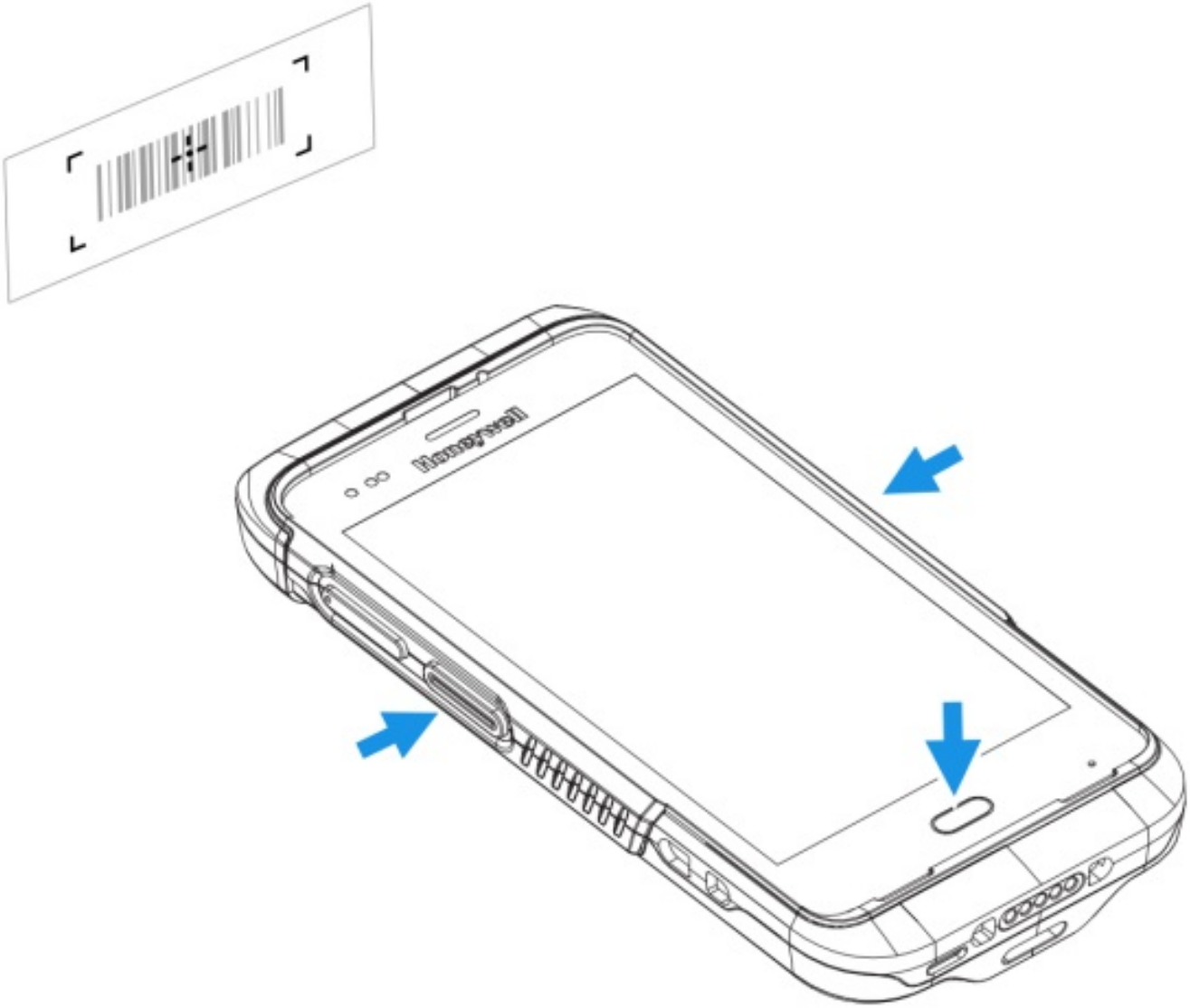
About Provisioning Mode

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 CT45/CT45 XP and a computer:

1. Connect the CT45/CT45 XP to your computer using a USB charge/communication accessory.
2. On the CT45/CT45 XP, 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 CT45/CT45 XP. You can now copy, delete, and move files or folders between your computer and CT45/ CT45 XP 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 www.hsmcontactsupport.com.

Documentation

Product documentation is available at www.honeywellaidc.com.

Limited Warranty

For warranty information, go to www.honeywellaidc.com and click **Resources > Product Warranty.**

Patents

For patent information, see www.hsmpats.com.

Trademarks

Android is a trademark of Google LLC.

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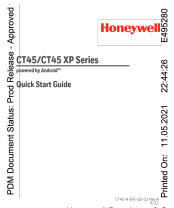
Documents / Resources

	Honeywell CT45 XP Series Rugged Handheld Computers [pdf] User Guide CT45L0N, HD5-CT45L0N, HD5CT45L0N, CT45 Series, CT45 XP Series Rugged Handheld Computers, Rugged Handheld Computers
	Honeywell CT45 XP Series Rugged Handheld Computers [pdf] User Guide CT45PX0N, HD5-CT45PX0N, HD5CT45PX0N, CT45PL1N2, HD5-CT45PL1N2, HD5CT45PL1N2, CT45 XP Series Rugged Handheld Computers, CT45 XP Series, CT45 Series, Rugged Handheld Computers

References

- Safety and Productivity Solutions | Honeywell

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