Honeywell

CK67

Mobile Computer for use in Hazardous Locations
CK67 NI/ATEX (CK67-X0N-xxxxx1x, CK67-X1N-xxxxx1x)

Quick Start Guide

CK67-HZ-A-EN-QS-01 Rev B
03/25

Introduction

This document is only for CK67 models marked as certified for use in hazardous environments. CK67 models intended for use in hazardous locations are identifiable by yellow marking on the unit and specific labeling on the battery.

Agency Models

CK67 Series: CK67X0N, CK67X1N

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:

- CK67 mobile computer
- Rechargeable Li-ion battery
- Hand strap
- USB Type C cable
- I/O cover
- 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: *CK67X0N models do not include a WWAN radio.*

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.

Equipment for Use in Hazardous Locations

Routine operator inspections should occur to check for possible device damage before using the mobile computer in areas known to be hazardous.



Warning: Improper battery replacement or incompatible device usage may result in risk of burns, fire, explosion, or other hazard. Dispose of batteries according to local regulations.

Avertissement: Le remplacement incorrect de la pile ou l'usage d'un appareil non compatible peut représenter des risques de brûlures, d'incendie, d'explosion ou d'autres dangers. Éliminez les piles lithium-ion usagées conformément aux réglementations locales.



Warning: Explosion Hazard - Batteries must only be changed or charged in an area known to be non-hazardous. Use ONLY Honeywell CK67 battery part number 318-063-013 (Li-ion, 3.6 VDC).

Avertissement: Risque d'explosion - Les batteries doivent uniquement être remplacées ou rechargées dans un endroit non dangereux. Utilisez UNIQUEMENT Honeywell CK67 batterie P/N 318-063-013 (Li-ion, 3.6 VDC).



Warning: Battery must always be latched when using the CK67 in a hazardous environment.

Avertissement: La batterie doit toujours être verrouillée lors de l'utilisation du CK67 dans un environnement dangereux.



Warning: Do not remove the I/O cover in the hazardous area or attempt to make an I/O connection.

Avertissement: Ne pas retirer le capot E / S dans un environnement dangereux ni essayer de réaliser une connexion via les E / S dans un environnement dangereux.



Warning: Charging accessories and additional spare batteries must not be carried into the hazardous area.

Avertissement: Les accessoires de charge et les batteries de rechange supplémentaires ne doivent pas être transportés dans un environnement dangereux.



Warning: Explosion Hazard – Substitution of any components may impair suitability.

Avertissement: Risque d'explosion – La substitution de composants peut nuire à l'aptitude aux emplacements.



Warning: The device must be protected from impacts with high impact energy, permanent UV light emission and high electrostatic discharge processes.

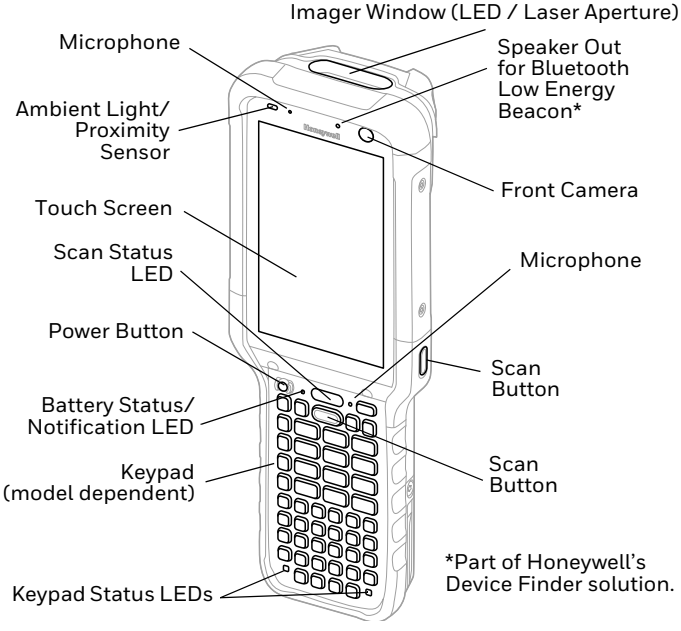
Avertissement: L'appareil doit être protégé contre les chocs à haute énergie, les émissions permanentes de lumière UV, et les processus de décharge électrostatique élevée.

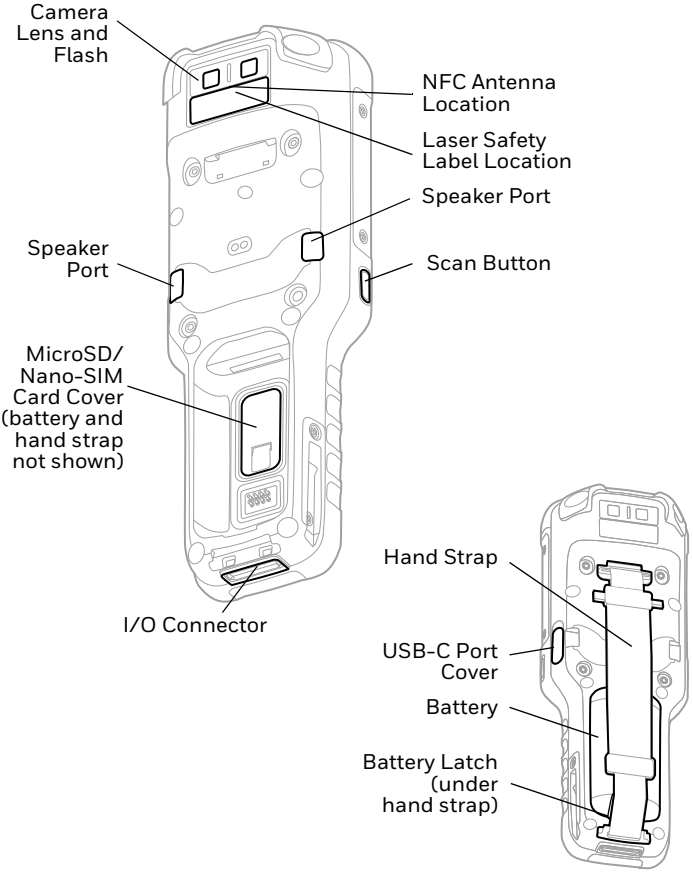


Warning: Explosion Hazard – Do not connect or disconnect when energized.

Avertissement: Risque d'explosion – Ne pas brancher ni debrancher sous tension.

Computer Features

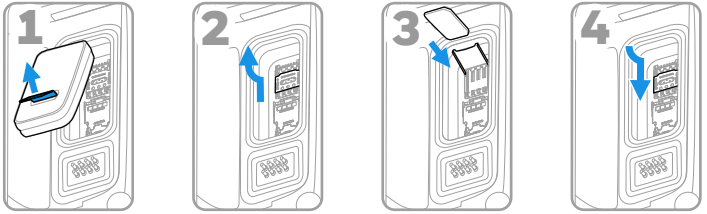



Camera Lens and Flash
NFC Antenna Location
Laser Safety Label Location
Speaker Port
Speaker Port
Scan Button
MicroSD/ Nano-SIM Card Cover (battery and hand strap not shown)
I/O Connector
Hand Strap
USB-C Port Cover
Battery
Battery Latch (under hand strap)

Install a Nano-SIM Card (WWAN Models)

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

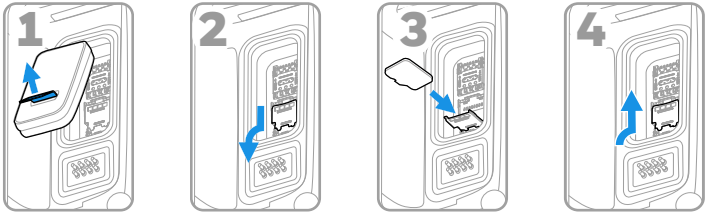
Either a nano-SIM card or embedded SIM (eSIM) is used to activate the mobile computer and connect to a mobile network. Refer to the user guide for additional information.



Install a microSD Card (Optional)

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

Note: *Format the microSD card before initial use.*



About the Battery

The mobile computer ships with a Li-ion 3.6 VDC, 25.2 watt-hour 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.

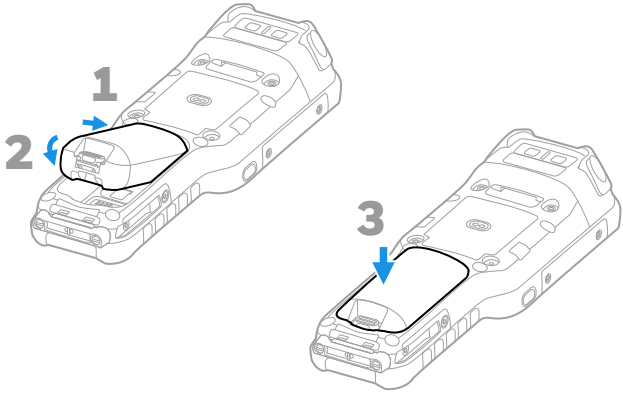
Nous recommandons l'utilisation de batteries Li-ion de la marque Honeywell. L'utilisation d'une batterie d'un autre fabricant est susceptible de provoquer des dommages non couverts par la garantie.



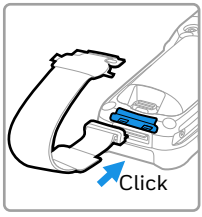
Ensure all components are dry prior to placing the battery in the computer. Mating wet components may cause damage not covered by the warranty.

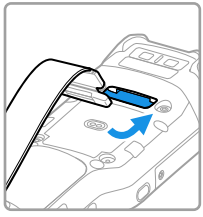
Assurez-vous que tous les composants sont secs avant d'insérer la batterie dans l'ordinateur. L'insertion de composants humides risque de provoquer des dommages non couverts par la garantie.

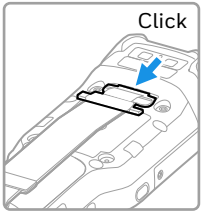
Install the Battery



Install the Hand Strap







Charge the Mobile Computer

Before you attempt to use, charge or replace the battery in the mobile computer, carefully read all the information under Equipment for Use in Hazardous Locations on page 2.

Avant d'essayer d'utiliser, de charger ou de remplacer la batterie de l'ordinateur portable, lisez attentivement toutes les informations relatives aux Equipment for Use in Hazardous Locations on page 2.

The mobile computer ships with a partially charged battery. Charge the battery with a CK67 series 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.

CK67 Series mobile computers are designed for use with CK67 charging accessories. For more information, see the CK67 Series 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.

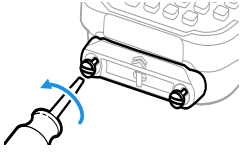
Assurez-vous que tous les composants sont secs avant de raccorder les ordinateurs et les batteries à des périphériques. L'insertion de composants humides risque de provoquer des dommages non couverts par la garantie.

About the USB Type C Connector

You can use the provided 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 CK67 or the battery will not charge.

Remove the I/O Cover

Remove the I/O cover before inserting the CK67 into a charging dock:



Warning: The I/O cover must be attached when using the CK67 in a hazardous environment.

Avertissement : Le couvercle entrée-sortie doit être fixé lorsque le CK67 est utilisé dans un environnement incendiaire.

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. Tap **Power off**.

Battery Replacement, Hot Swap

⚠ **Warning: Batteries must only be changed in an area known to be non-hazardous. Carefully read all the information under Equipment for Use in Hazardous Locations on page 2.**

Avertissement: Les batteries doivent uniquement être rechargées dans un endroit non dangereux. Lisez attentivement toutes les informations relatives aux Equipment for Use in Hazardous Locations on page 2.

The computer includes an internal battery that provides limited power for on-demand replacement of the main battery (i.e., hot swap). You can hot swap the battery provided the following conditions are met:

- The internal battery is charged (see note).
- You insert a charged battery within 60 seconds.

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

Note: *The internal battery is charged by the main battery but can be depleted if too many consecutive hot swaps occur over a short time. The internal battery is not user replaceable.*

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

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.

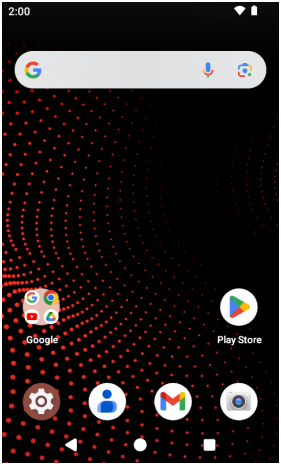
- Press and release the **Power** button to wake the computer.

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



Notification /Status Bar

Search Bar

Home Screen Panel

Favorites Tray

Navigation Buttons

Navigation and Function Buttons

For button locations, see Computer Features on page 4.

Button	Description	
	Back	Return to the previous screen.
	Home	Return to the Home screen.
	Recent Apps	View and switch between recently used apps.
	Scan	Press the right, left or front scan button to trigger the scanner.
	Power	• Turn Power On/Off • Enter/Exit Screen Timeout (sleep) • Access options menu, including: Power off and Restart.

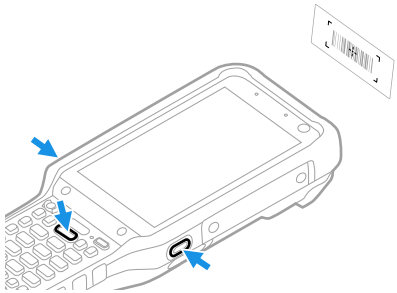
About Provisioning Mode

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 from the bottom of the Home screen to access all apps.
2. Touch **Demos** > **Scan Demo**.
3. Point the computer at the barcode.
4. Touch **Scan** on the touch 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 CK67 and a computer:

1. Connect the CK67 to your computer using a USB charge/communication accessory.
2. On the CK67, swipe down from the top of the screen to see the notifications panel.
3. Tap 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 CK67. You can now copy, delete, and move files or folders between your computer and the CK67 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. Tap **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.

Trademarks

Android is a trademark of Google LLC.

Other product names or marks mentioned in this document may be trademarks of registered trademarks of other companies and are property of their respective owners.

Disclaimer

Honeywell International Inc. (“HII”) reserves the right to make changes in specifications and other information contained in this document without prior notice, and the reader should in all cases consult HII to determine whether any such changes have been made. HII makes no representation or warranties regarding the information provided in this publication.

HII shall not be liable for technical or editorial errors or omissions contained herein; nor for incidental or consequential damages resulting from the furnishing, performance, or use of this material. HII disclaims all responsibility for the selection and use of software and/or hardware to achieve intended results.

This document contains proprietary information that is protected by copyright. All rights are reserved. No part of this document may be photocopied, reproduced, or translated into another language without the prior written consent of HII.

Copyright © 2025 Honeywell Group of Companies. All rights reserved.