



Dolphin CN80G

powered by Android™

Quick Start Guide



CN80G-A-EN-QS-02 Rev A
10/25

Introduction

This document is only for Dolphin CN80G mobile computers, which are certified for use in non-incendive (NI) environments. Non-incendive models can be identified by NI markings on the device verifying non-incendive certification.

Agency Models

CN80L0N, CN80L1N

Out of the Box

Make sure that your shipping box contains these items:

- Dolphin CN80G mobile computer
- Dust Cover
- Rechargeable 3.85 VDC Li-ion battery
- Hand strap, stylus and tether
- 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 CN80G 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 CN80G battery part number CX80-BAT-EXT-WRLS6, CX80-BAT-EXT-WRLS2, or CX80G-BAT-EXT-WRLS (Li-ion, 3.85 VDC).

Avertissement: Risque d'explosion - Les batteries doivent uniquement être remplacées ou rechargées dans un endroit non dangereux. Utilisez UNIQUEMENT Honeywell batterie P/N CX80-BAT-EXT-WRLS6, CX80-BAT-EXT-WRLS2, ou CX80G-BAT-EXT-WRLS (Li-ion, 3.85 VDC).



Warning: Battery must always be latched when using the CN80G in a hazardous environment.

Avertissement: La batterie doit toujours être verrouillée lors de l'utilisation du CN80G 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: Explosion Hazard - Do not connect or disconnect when energized.

Avertissement: Risque d'explosion - Ne pas brancher ni débrancher sous tension.

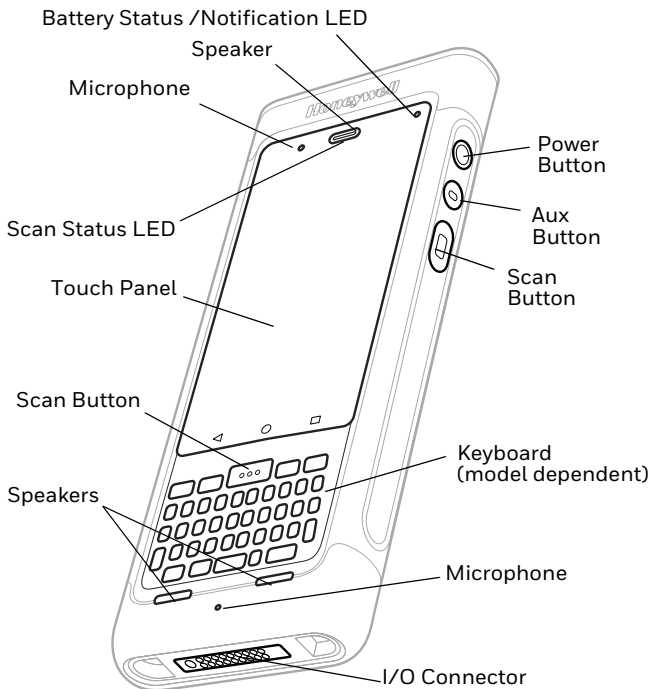


Warning: The device must be protected from impacts with high impact energy, permanent UV light emission and high electrostatic discharge processes.

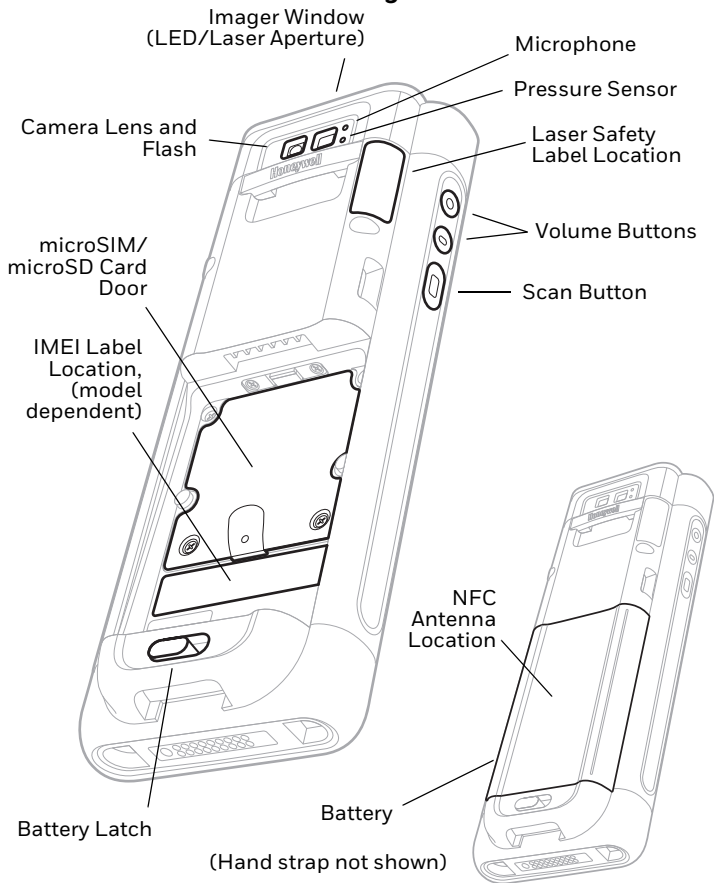
Avertissement: L'appareil doit être protégé contre les chocs à haute énergie, les émissions permanentes de lumière UV, et les processus de décharge électrostatique élevée.

Computer Features

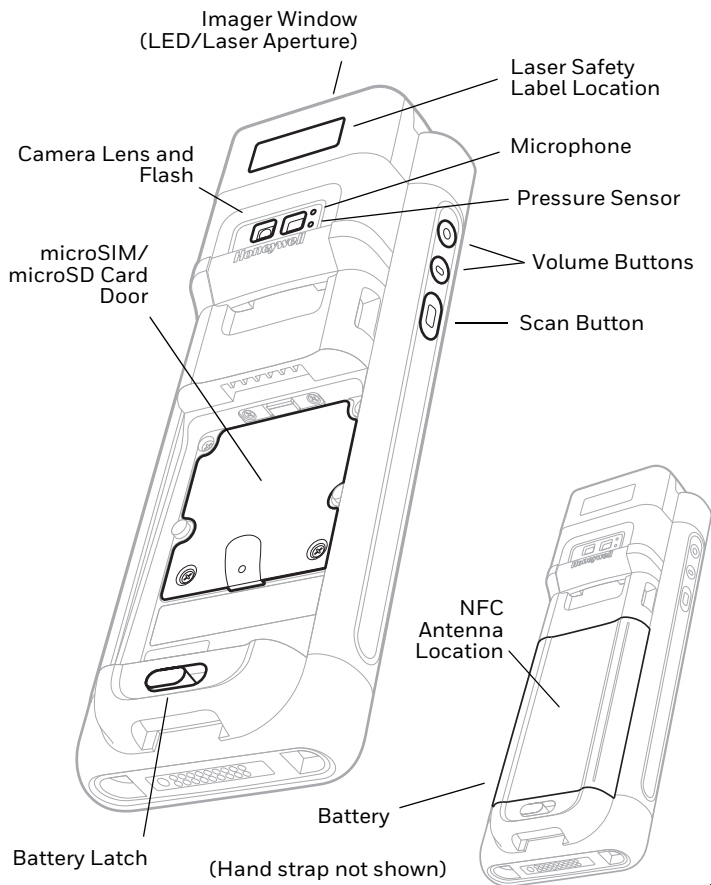
CN80G model with 6603ER Imager shown below for illustration purposes.



CN80G Models with 6603ER Imager



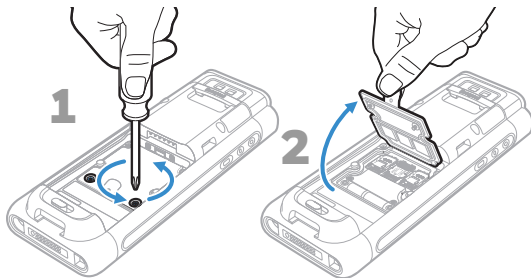
CN80G Models with EX20 Near/Far Imager



Install a microSIM Card / Install a microSD Card



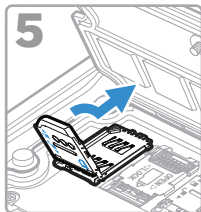
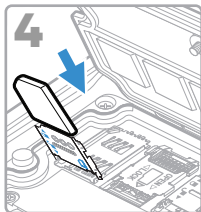
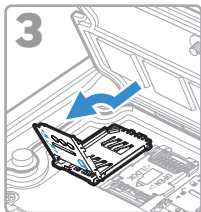
Always power off the computer before attempting to install or remove a card.



SIM 1

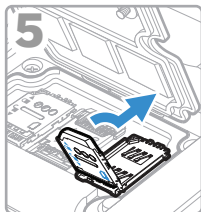
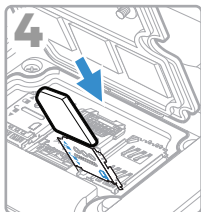
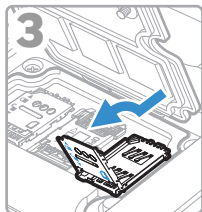
Phone feature is available only on CN80L1N models.

On all models, when using a UICC card for NFC Secure Element link encryption, install the card in SIM slot 1.



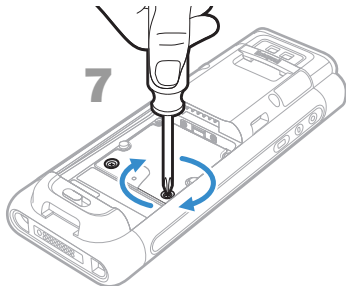
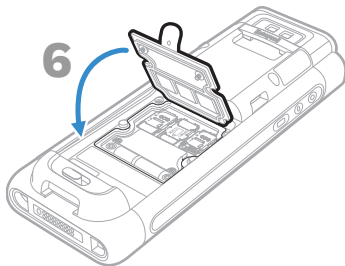
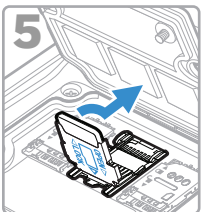
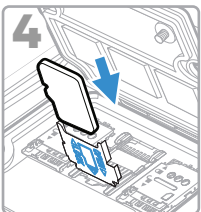
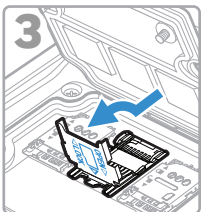
SIM 2

SIM 2 feature is available only on CN80L1N models.



microSD

Format the microSD card before initial use.



About the Battery

CN80G mobile computers use a Li-ion 3.85 VDC, 22.3 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.



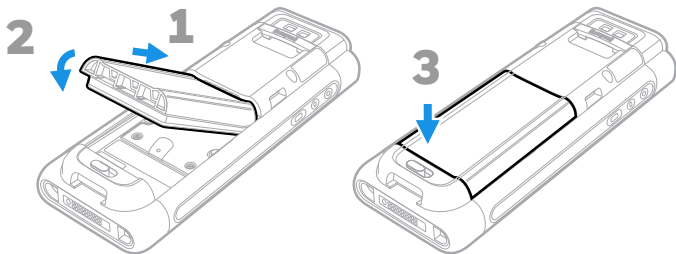
We recommend use of Honeywell Li-ion battery packs. Use of any non-Honeywell battery may result in damage not covered by the warranty.

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.

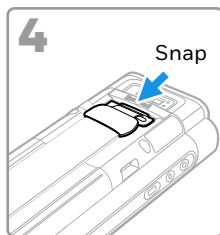
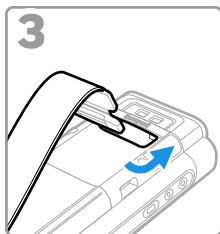
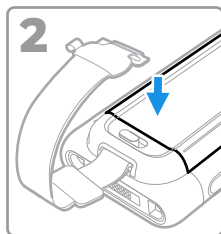
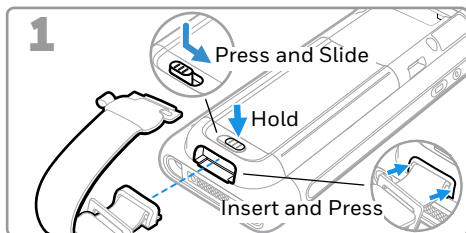


Ensure all components are dry prior to placing the battery in the computer. Mating wet components may cause damage not covered by the warranty.

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 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 1.

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 1.

The battery ships with only a partial charge. Before initial use, charge the battery with a Honeywell 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.

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.

CN80G models are designed for use with CN80G charging accessories.

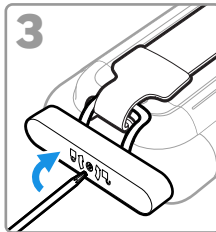
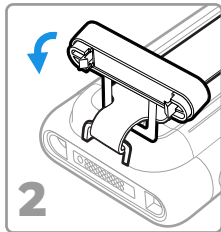
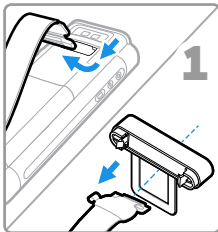


Ensure all components are dry prior to mating the computers and batteries with peripheral devices. Mating wet components may cause damage not covered by the warranty.

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.

Install the Optional Dust Cover

The dust cover can be used when additional I/O connector shielding is desired.



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:

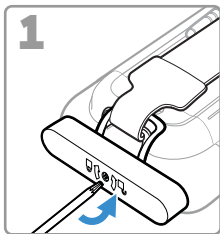
1. Press and hold the **Power** button until the options menu appears.
2. Touch **Power Off**.

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.

Unlock the Dust Cover



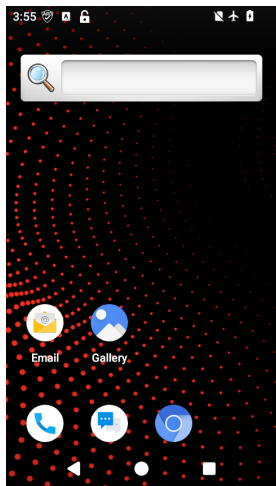
Swap Battery Mode for Battery Replacement

You should always place the computer in Swap Battery mode before removing the battery. Swap Battery mode places the computer in a low power state so that the battery can be removed for a short time.

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.

About the Home Screen



———— Notification/Status Bar

———— Search Bar

———— Home Screen Panel

———— Favorites Tray

———— Navigation Buttons

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

Note: Screen content may vary by computer model and OS version.

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	Raise or lower the volume of the speaker.
		
	Scan	Press right or left scan button to trigger the scanner.
	Aux	Use the Key Remap feature in the Settings app to select a button function. For example, the button could be set to initiate the push-to-talk (PTT) feature.
	Power	• Turn Power On/Off • Enter/Exit Screen Timeout(sleep) • Access options menu, including: Swap Battery, Power off, and Restart

To learn more about how to re-map a button, see the user guide.

Scan a Barcode

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

1. Point the computer at the barcode.
2. Press and hold any **Scan** button. Center the aiming beam over the barcode.

Note: *Not all barcode symbologies are enabled by default. If a barcode does not scan, the correct symbology may not be enabled or Provisioning mode may be turned off. To learn how to modify default settings, see the user guide.*

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.

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.

Trademarks

Android is a trademark of Google LLC.

Other product names or marks mentioned in this document may be trademarks or 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.

