

TC57

Touch Computer

zebracod.ir



ZEBRA

Quick Start Guide

2024/04/16

ZEBRA and the stylized Zebra head are trademarks of Zebra Technologies Corporation, registered in many jurisdictions worldwide. All other trademarks are the property of their respective owners. ©2024 Zebra Technologies Corporation and/or its affiliates. All rights reserved.

Information in this document is subject to change without notice. The software described in this document is furnished under a license agreement or nondisclosure agreement. The software may be used or copied only in accordance with the terms of those agreements.

For further information regarding legal and proprietary statements, please go to:

SOFTWARE: zebra.com/linkoslegal.

COPYRIGHTS: zebra.com/copyright.

PATENTS: ip.zebra.com.

WARRANTY: zebra.com/warranty.

END USER LICENSE AGREEMENT: zebra.com/eula.

Terms of Use

Proprietary Statement

This manual contains proprietary information of Zebra Technologies Corporation and its subsidiaries ("Zebra Technologies"). It is intended solely for the information and use of parties operating and maintaining the equipment described herein. Such proprietary information may not be used, reproduced, or disclosed to any other parties for any other purpose without the express, written permission of Zebra Technologies.

Product Improvements

Continuous improvement of products is a policy of Zebra Technologies. All specifications and designs are subject to change without notice.

Liability Disclaimer

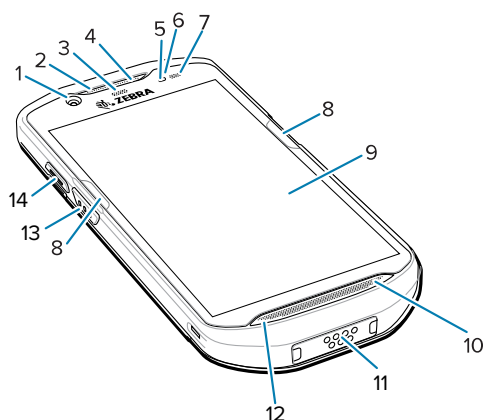
Zebra Technologies takes steps to ensure that its published Engineering specifications and manuals are correct; however, errors do occur. Zebra Technologies reserves the right to correct any such errors and disclaims liability resulting therefrom.

Limitation of Liability

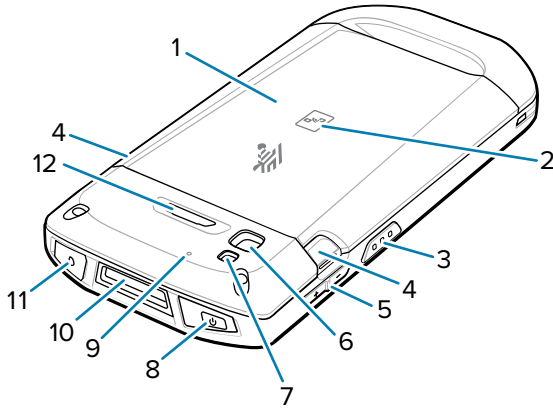
In no event shall Zebra Technologies or anyone else involved in the creation, production, or delivery of the accompanying product (including hardware and software) be liable for any damages whatsoever (including, without limitation, consequential damages including loss of business profits, business interruption, or loss of business information) arising out of the use of, the results of use of, or inability to use such product, even if Zebra Technologies has been advised of the possibility of such damages. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Features

This section provides a list of features.



1	Front Camera
2	Receiver
3	Data Capture LED
4	Microphone
5	Proximity Sensor
6	Light Sensor
7	Charging/Notification LED
8	ActiveEdge Touch Zone
9	Touch Screen
10	Speaker
11	Interface Connector
12	Microphone
13	Scan Button
14	PTT Button



1	Battery
2	NFC Antenna
3	Scan Button
4	Battery Release Latch
5	Volume Up/Down Button
6	Rear Camera
7	Camera Flash
8	Power Button
9	Microphone
10	Exit Window
11	Headphone Jack
12	Programmable Button

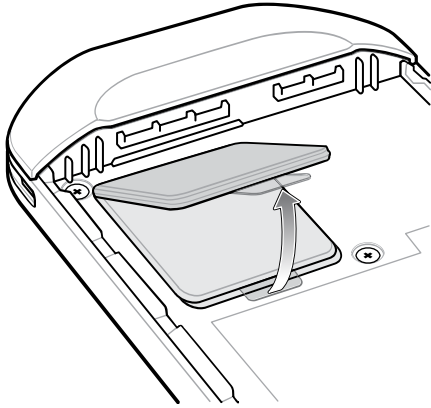
Installing a microSD Card

The microSD card slot provides secondary non-volatile storage. The slot is located under the battery pack. Refer to the documentation provided with the card for more information, and follow the manufacturer's recommendations for use.

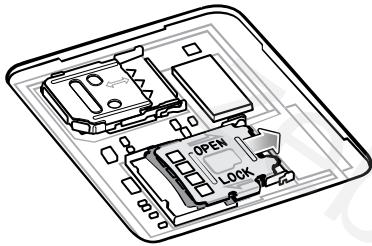


CAUTION—ESD: Follow proper electrostatic discharge (ESD) precautions to avoid damaging the microSD card. Proper ESD precautions include, but are not limited to, working on an ESD mat and ensuring the operator is properly grounded.

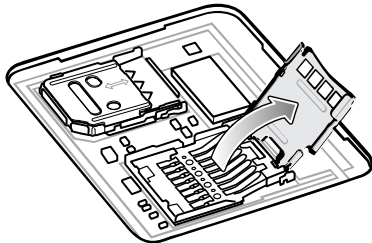
1. Lift the access door.



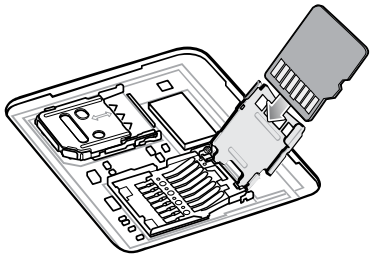
2. Slide the microSD card holder to the Open position.



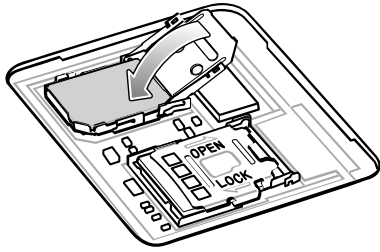
3. Lift the microSD card holder door.



4. Insert the microSD card into the card holder ensuring that the card slides into the holding tabs on each side of the door.



5. Close the microSD card holder door.

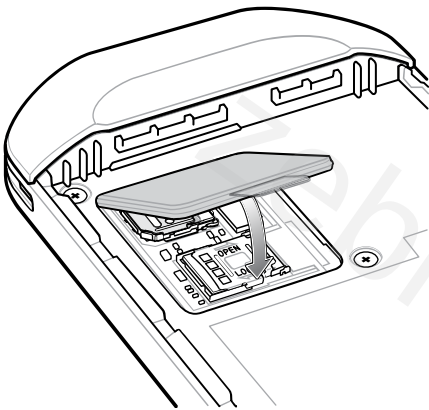


6. Slide the microSD card holder door to the Lock position.



CAUTION: Access door must be replaced and securely seated to ensure proper device sealing.

7. Re-install the access door.



Installing the SIM Card

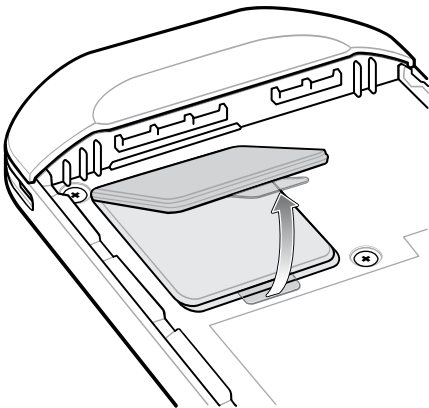


NOTE: Only use a nano SIM card. Not applicable to TC57JO.

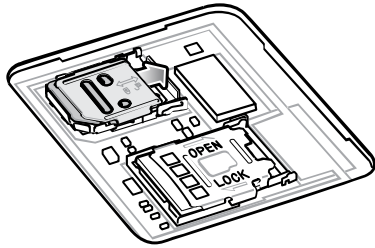


CAUTION: Follow proper electrostatic discharge (ESD) precautions to avoid damaging the microSD card. Proper ESD precautions include but are not limited to, working on an ESD mat and ensuring the operator is properly grounded.

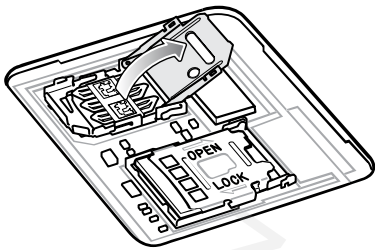
1. Remove access door.



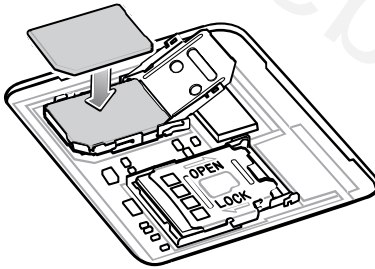
2. Slide the SIM card holder to the unlock position.



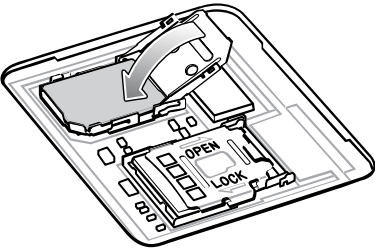
3. Lift the SIM card holder door.



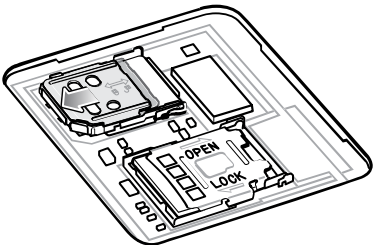
4. Place the nano SIM card into the cardholder with contacts facing down.



5. Close the SIM card holder door.



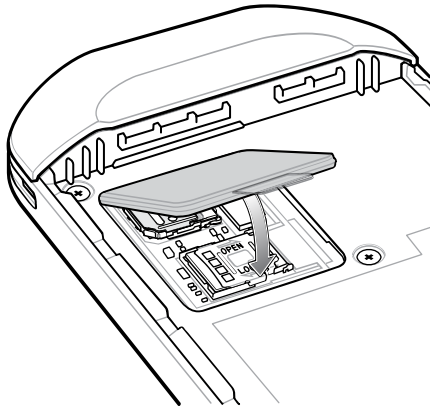
6. Slide the SIM card holder door to the lock position.





CAUTION: Access door must be replaced and securely seated to ensure proper device sealing.

7. Re-install the access door.



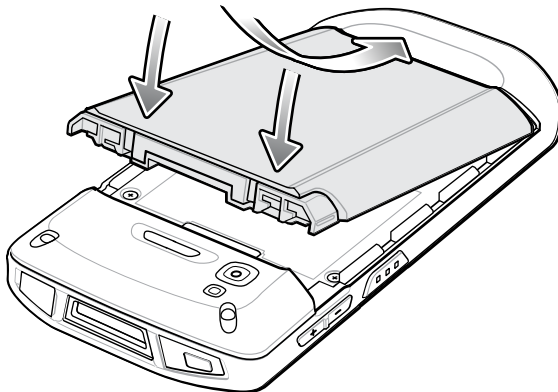
Installing the Battery

This section describes how to install the battery into the TC57 device.



NOTE: User modification of the device, particularly in the battery well, such as labels, asset tags, engravings, stickers, etc., may compromise the intended performance of the device or accessories. Performance levels such as sealing (Ingress Protection (IP)), impact performance (drop and tumble), functionality, temperature resistance, etc. could be affected. DO NOT put any labels, asset tags, engravings, stickers, etc. in the battery well.

1. Insert the battery, bottom first, into the battery compartment at the back of the device.



2. Press the battery down into the battery compartment until the battery release latches snap into place.

Charging

Use one of the following accessories to charge the device and/or spare battery.

Table 1 Charging and Communication

Description	Part Number	Charging		Communication	
		Battery (In Device)	Spare Battery	USB	Ethernet
1-Slot USB/Charge Only Cradle Kit	CRD-TC51-1SCU-01	Yes	No	Yes	With Optional Module
5-Slot Charge Only Cradle Kit	CRD-TC51-5SCHG-01	Yes	No	No	No
4-Slot Charge Only Cradle with Battery Charger Kit	CRD-TC51-5SC4B-01	Yes	Yes	No	No
5-Slot Ethernet Cradle Kit	CRD-TC51-5SETH-01	Yes	No	No	Yes
4-Slot Battery Charger Kit	SAC-TC51-4SCHG-01	No	Yes	No	No
Rugged Charge/USB Cable	CBL-TC51-USB1-01	Yes	No	Yes	No

Charging the Device



NOTE: Ensure that you follow the guidelines for battery safety described in the TC57 User Guide.



NOTE: Battery: ≥ 15.48 Watt hours (typical) / $\geq 4,150$ mAh PowerPrecision+ Lithium-ion battery.

1. To charge the main battery, connect the charging accessory to the appropriate power source.
2. Insert the device into a cradle or attach to a cable. The device turns on and begins charging. The Charging/Notification LED blinks amber while charging, then turns solid green when fully charged.

The battery charges from fully depleted to 90% in approximately 2.5 hours and from fully depleted to 100% in approximately three hours. In many cases, the 90% charge provides plenty of charge for daily use. A full 100% charge lasts for approximately 14 hours of use. To achieve the best charging results, use only Zebra charging accessories and batteries. Charge batteries at room temperature with the device in sleep mode.

Charging the Spare Battery

1. Insert a spare battery into the spare battery slot.
2. Ensure the battery is seated properly.

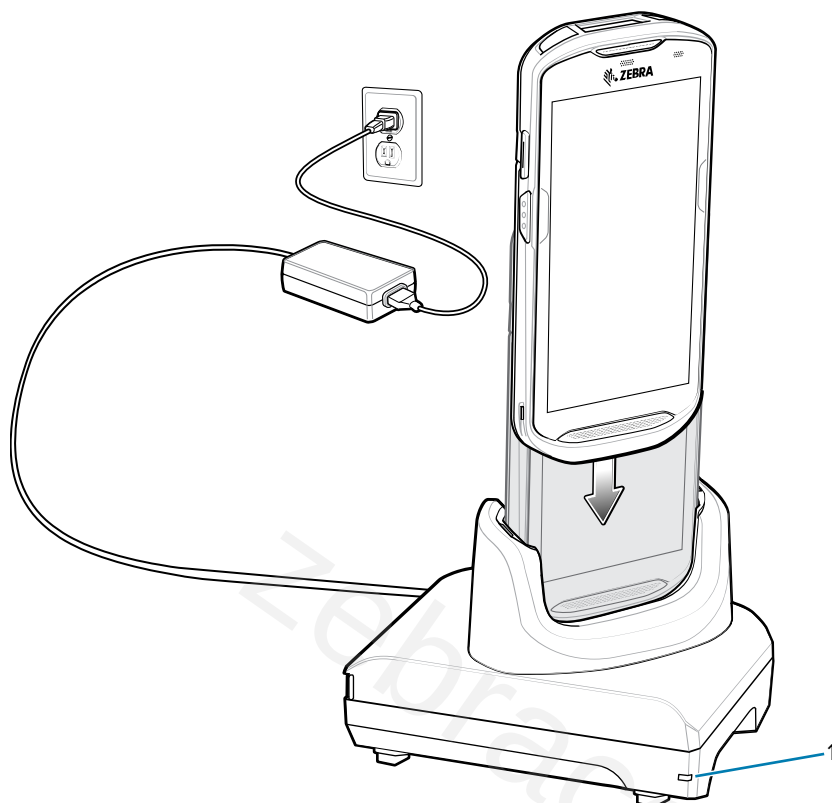
The Spare Battery Charging LED blinks, indicating charging. See Table 2 for charging indicators.

Table 2 Charging/Notification LED Charging Indicators

State	LED	Indications
Off		Device is not charging. Device is not inserted correctly in the cradle or connected to a power source. Charger/cradle is not powered.
Slow Blinking Amber (1 blink every 4 seconds)		Device is charging.
Slow Blinking Red (1 blink every 4 seconds)		Device is charging but the battery is at end of useful life.
Solid Green		Charging complete.
Solid Red		Charging complete but the battery is at end of useful life.
Fast Blinking Amber (2 blinks/second)		Charging error, e.g.: • Temperature is too low or too high. • Charging has gone on too long without completion (typically eight hours).
Fast Blinking Red (2 blinks/second)		Charging error but the battery is at the end of useful life., e.g.: • Temperature is too low or too high. • Charging has gone on too long without completion (typically eight hours).

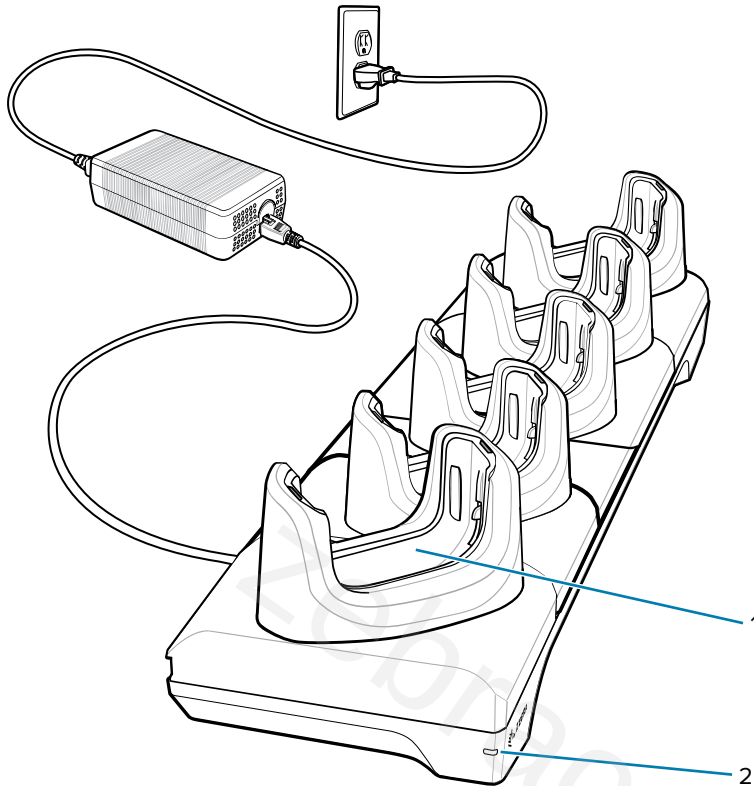
Charge batteries in temperatures from 5°C to 40°C (41°F to 104°F). The device or cradle always charges the battery in a safe and intelligent manner. At higher temperatures (e.g. approximately +37°C (+98°F)), the device or cradle may, for small periods of time, alternately enable and disable battery charging to keep the battery at acceptable temperatures. The device and cradle indicate when charging is disabled due to abnormal temperatures via its LED.

1-Slot USB Charging Cradle



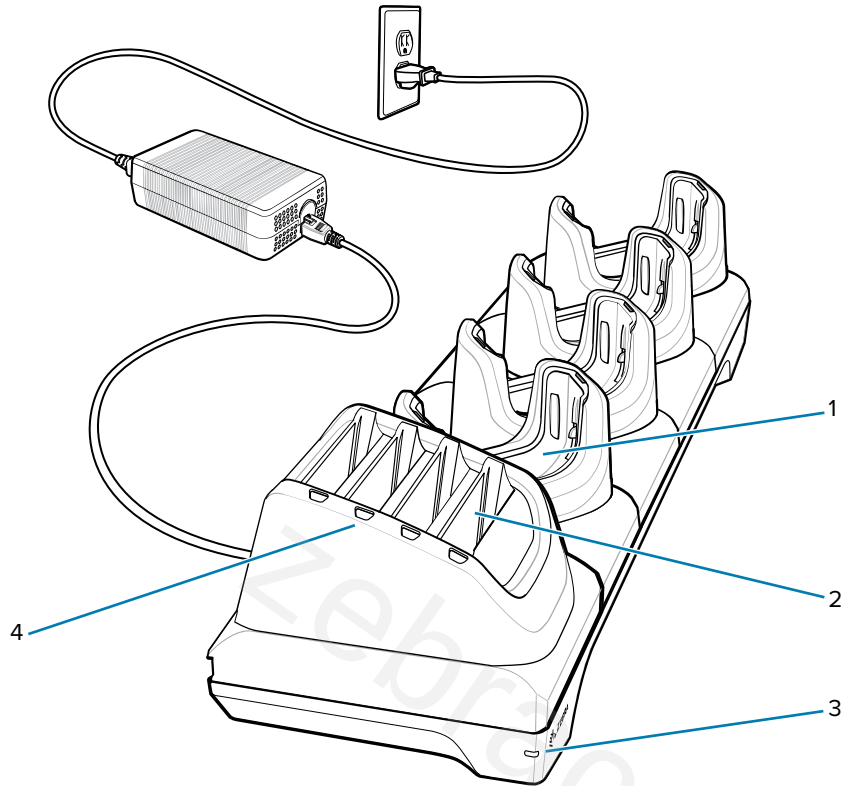
1	Power LED
---	-----------

5-Slot Charge Only Cradle



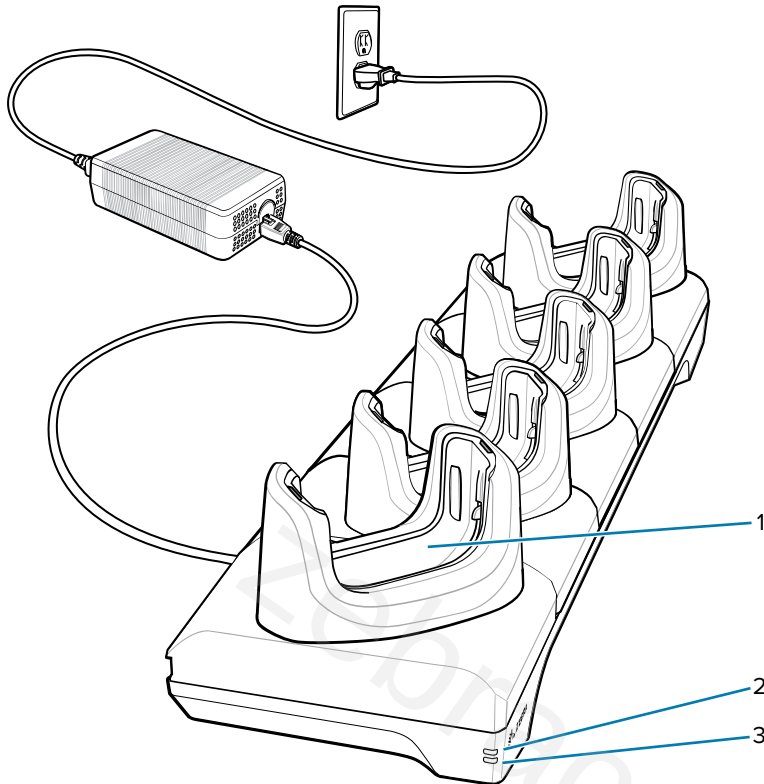
1	Device Charging Slot
2	Power LED

4-Slot Charge Only Cradle with Battery Charger



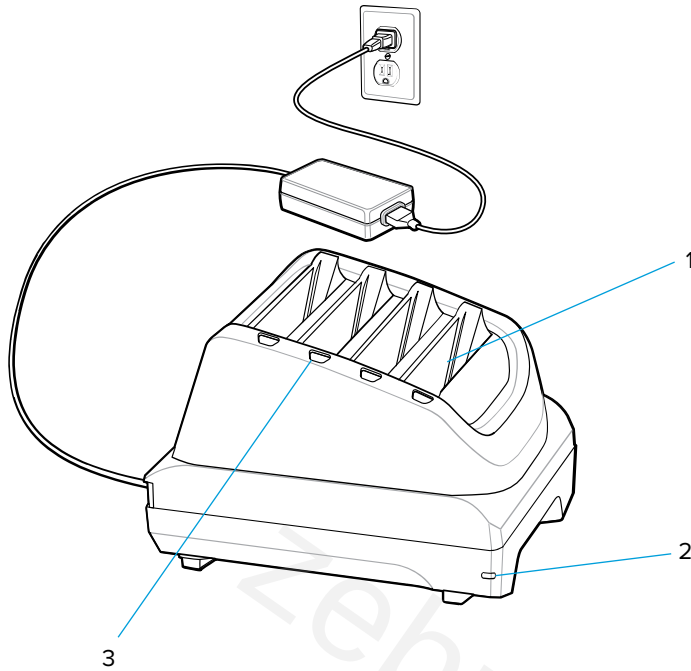
1	Device Charging Slot
2	Spare Battery Slot
3	Power LED
4	Spare Battery Charging LED

5-Slot Ethernet Cradle



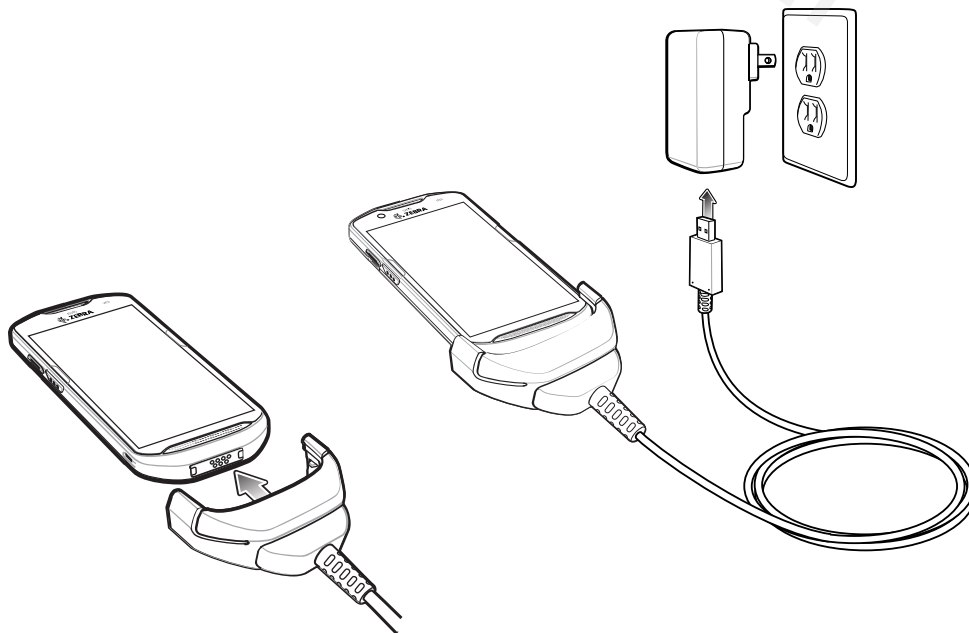
1	Device Charging Slot
2	1000 LED
3	100/100 LED

4-Slot Battery Charger



1	Spare Battery Slot
2	Power LED
3	Spare Battery Charging LEDs (4)

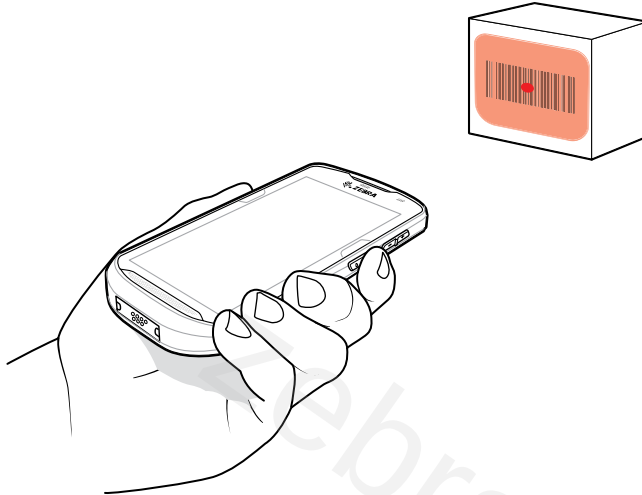
Rugged Charge/USB Cable



Scanning

To read a bar code, a scan-enabled application is required. The device contains the DataWedge application that allows the user to enable the imager, decode the bar code data and display the bar code content.

1. Ensure that an application is open on the device, and a text field is in focus (text cursor in text field).
2. Point the exit window at a bar code on top of the device.



3. Press and hold the scan button.

The red laser aiming pattern turns on to assist in aiming.



NOTE: When the device is in Picklist mode, the imager does not decode the barcode until the crosshair or aiming dot touches the barcode.

4. Ensure the barcode is within the area formed by the cross-hairs in the aiming pattern. The aiming dot is used for increased visibility in bright lighting conditions.

Figure 1 Aiming Pattern

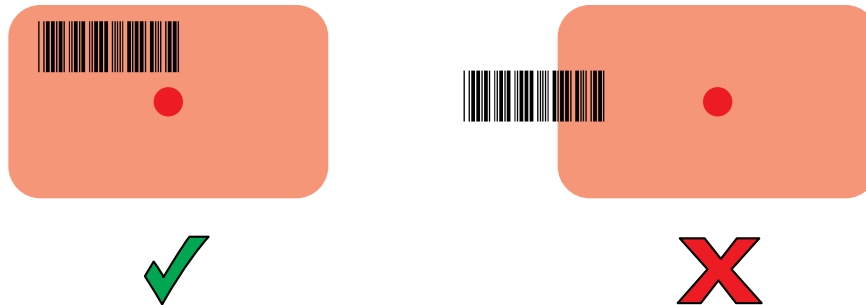
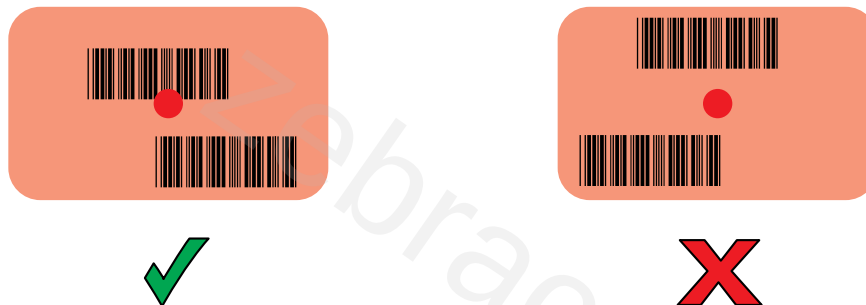


Figure 2 Pick List Mode with Multiple Barcodes in Aiming Pattern



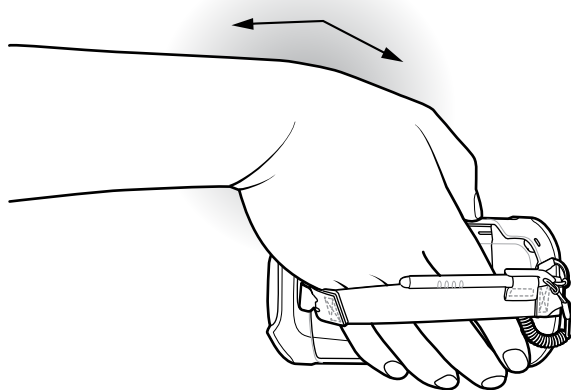
5. The Data Capture LED lights green, and a beep sounds, by default, to indicate the barcode was decoded successfully.
6. Release the scan button.



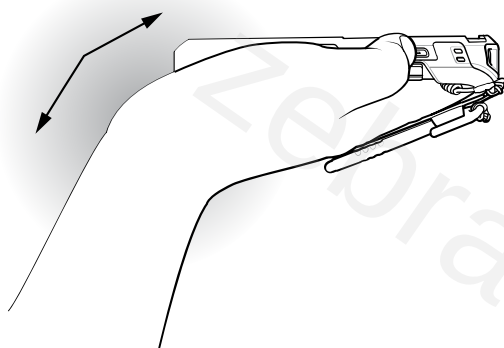
NOTE: Imager decoding usually occurs instantaneously. The device repeats the steps required to take a digital picture (image) of a poor or difficult barcode as long as the scan button remains pressed.

7. The barcode content data is displayed in the text field.

Ergonomic Considerations



AVOID EXTREME
WRIST ANGLES



zebracod.ir