

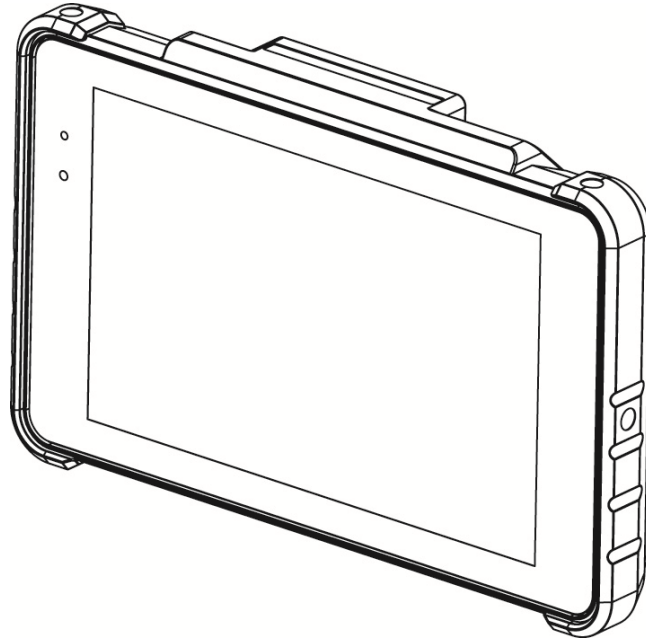
# User Manual

Version 1.0 November 2014

## POS260 Series

Model:P263/P265

Mobile PC



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Manual Version 1.0

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# Safety

## **Regulatory Information**

Caution: Only use approved and UL Listed accessories, battery packs and battery chargers. Do NOT attempt to charge damp/wet mobile computers or batteries. All components must be dry before connecting to an external power source.

## **Power Supply**

Use only the approved power supply 50-14000-148 output rated 5 Vdc and minimum 2 A. The power supply is certified to EN60950-1 with SELV outputs. Use of alternative power supply will invalidate any approval given to this device and may be dangerous.

## **Warning for Use of Wireless Devices**

Please observe all warning notices with regard to the usage of wireless devices.

## **Potentially Hazardous Atmospheres**

You are reminded of the need to observe restrictions on the use of radio devices in fuel depots, chemical plants etc. and areas where the air contains chemicals or particles (such as grain, dust, or metal powders) and any other area where you would normally be advised to turn off your vehicle engine.

## **Safety in Aircraft**

Switch off your wireless device whenever you are instructed to do so by airport or airline staff.

## **Pacemakers**

Pacemaker manufacturers recommended that a minimum of 15cm (6 inches) be maintained between a handheld wireless device and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with independent research and recommendations by Wireless Technology Research.

## **Persons with Pacemakers**

Persons with Pacemakers should ALWAYS keep the device more than 15cm (6 inches) from their pacemaker when turned ON and hence they should not carry the device in a breast pocket .

Should use the ear furthest from the pacemaker to minimize the potential for interference.

If you have any reason to suspect that interference is taking place, turn OFF your device.

**Hearing Aids**

The wireless device may interfere with some hearing aids. In the event of interference you may want to consult your hearing aid supplier to discuss solutions.

**Other Medical Devices**

Please consult your physician or the manufacturer of the medical device, to determine if the operation of your wireless product may interfere with the medical device.

## **FCC/EU RF Exposure Guidelines**

**FCC Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with FCC SAR exposure limits set forth for an uncontrolled environment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**Caution!**

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

# CE Marking and European Economic Area

The use of 2.4GHz WLAN's, for use through the EEA, have the following restrictions:

- Maximum radiated transmit power of 100 mW EIRP in the frequency range 2.400 -2.4835 GHz
- France, outside usage is restricted to 2.4 - 2.454 GHz.
- Italy requires a user license for outside usage.

Bluetooth® Wireless Technology for use through the EEA has the following restrictions:

- Maximum radiated transmit power of 100mW EIRP in the frequency range 2.400 -2.4835 GHz
- France, outside usage is restricted to 10mW EIRP
- Italy requires a user license for outside usage.

## Battery Information

Our rechargeable battery packs are designed and constructed to the highest standards within the industry.

However, there are limitations to how long a battery can operate or be stored before needing replacement.

Many factors affect the actual life cycle of a battery pack, such as heat, cold, harsh environmental conditions and severe drops.

When batteries are stored over six (6) months, some irreversible deterioration in overall battery quality may occur. Store batteries discharged in a dry, cool place, removed from the equipment to prevent loss of capacity, rusting of metallic parts and electrolyte leakage. When storing batteries for one year or longer, they should be charged and discharged at least once a year. If an electrolyte leakage is observed, avoid any contact with affected area and properly dispose of the battery. Batteries must be charged within the 32° to 95° F (0° to +35° C) ambient temperature range.

Replace the battery when a significant loss of run time is detected.



## Battery Caution

Risk of explosion if battery is replaced by an incorrectly type.

Dispose of used battery according to the local disposal instructions.



## Waste Electrical and Electronic Equipment (WEEE)

English: For EU Customers: All products at the end of their life must be returned to the reseller for recycling.

## Notational Conventions

The following conventions are used in this document:

- Italics are used to highlight specific items in the general text, and to identify chapters and sections in this and related documents.
- bullets (•) indicate:
  - action items
  - lists of alternatives
  - lists of required steps that are not necessarily sequential
  - Sequential lists (e.g., those that describe step-by-step procedures) appear as numbered lists.

**NOTE** This symbol indicates something of special interest or importance to the reader. Failure to read the note will not result in physical harm to the reader, equipment or data.

**CAUTION** This symbol indicates that if this information is ignored, the possibility of data or material damage may occur.

**WARNING!** This symbol indicates that if this information is ignored the possibility that serious personal injury may occur.

# Revision History

Version	Date	Description
1.0	November 2014	Initial release

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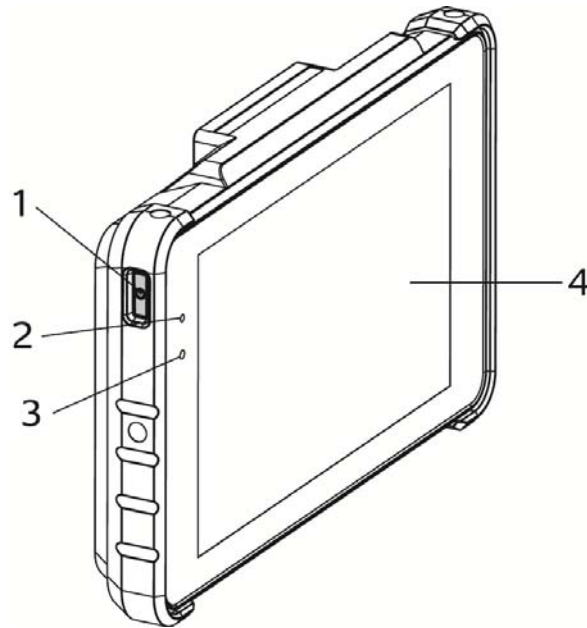
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# 1 Introduction

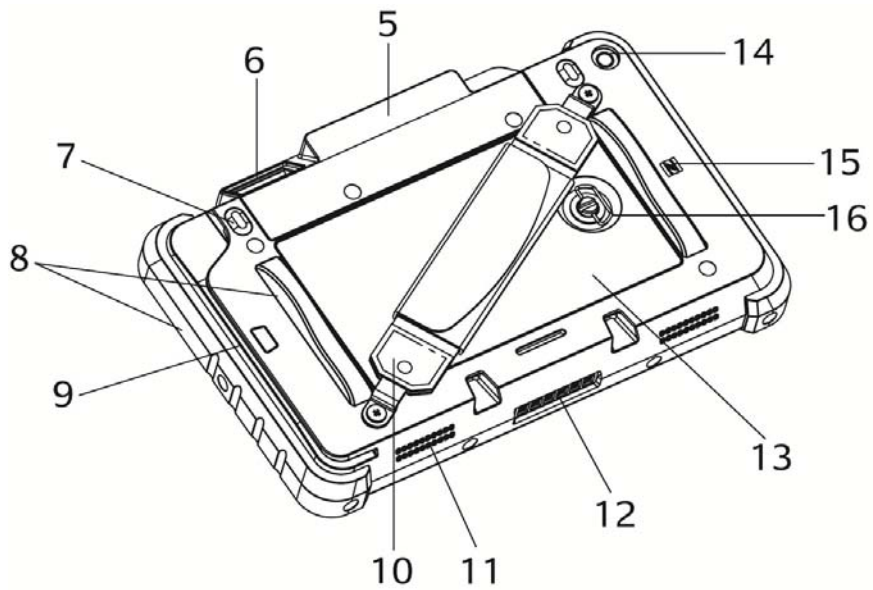
## 1-1 System Overview

### 1-1-1 Front View



No.	Description
1	Power button
2	Power LED light indicator
3	Ambient light sensor
4	TFT LCD

## 1-1-2 Rear View



No.	Description
5	Smart card reader (optional; will be installed to system prior to shipping)
6	Scanner (optional; will be installed to system prior to shipping)
7	Programmable button(default scan button)
8	Protection bumper
9	MSR
10	Hand strap
11	Speaker
12	Power charging slot
13	Battery cover
14	Camera
15	NFC logo
16	Pen screw

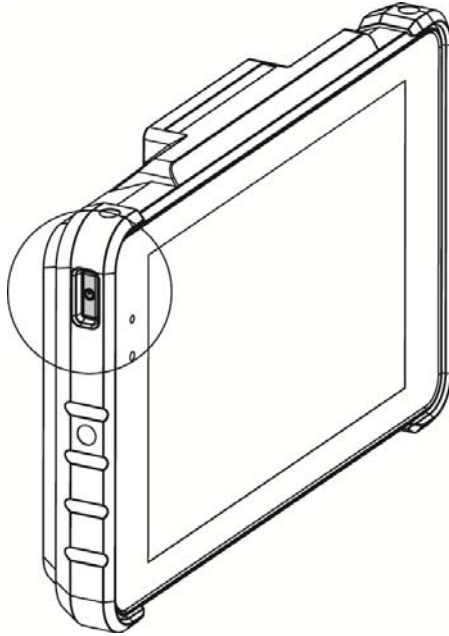
## 1-2 Specification

<b>System</b>	<b>P263</b>
<b>Motherboard</b>	<b>D31</b>
CPU	Bay-Trial T Z3745
System Memory	2GB LPDDR3 / 4GB LPDDR3
Flash Memory	32G eMMC
<b>LCD Touch Panel</b>	
LCD Size	7"
Resolution	1280 x 800
Touch Screen	P-CAP 5 points Multi-touch
<b>Wireless Networking</b>	
Wireless LAN	802.11 a/b/g/n, 2.4G/5GHz
Single SSID	Yes
Fast Wi-Fi roaming ( Max:2 sec )	Yes
Always on Wi-Fi	Yes
No popup of neighbor networks selectable by end users	Yes
Bluetooth	4.0+LE, Class 2
NFC	1
<b>Expansion I/O Ports</b>	
Micro SD Socket	1
DC input	6 pad
<b>Audio</b>	
Speaker	1 x 1W Speaker
<b>Control / Indicator</b>	
Power Button	1
Sensor	G-sensor, Ambient Light Sensor
Vibrator	Built-in vibrator motor
LED Indicator	1 (Battery status indicator) *1
<b>Application Security &amp; Protection</b>	
Configurations Protected	Yes
Application Environment Protected	Yes
Prohibit Program Installation	Yes
<b>Data Security</b>	
Prohibit File Manager	Yes
Prohibit Direct File & Database Access	Yes
Prohibit File Copy	Yes
Prohibit Data Access via ActiveSync	Yes

<b>System</b>	<b>P263</b>
<b>Motherboard</b>	<b>D31</b>
<b>Peripheral</b>	
Camera	5MP ( Rear side)
MSR	3 Tracks MSR
Hand strap	1
IC card reader	Smart IC Card Reader (Optional)
Scanner	1D/2D Barcode Scanner (Optional)
<b>Cradle</b>	
USB Port	mini-USB 2.0 x 1
Power Adapter	10W / 5V
<b>Battery &amp; Power</b>	
Battery	8000 mAh, 3.7V, 29.6 Wh *3
<b>Certificate</b>	
EMC & Safety	FCC Class B / CE Mark / UL
ESD	Tablet: 8 kV Contact discharge, 15 kV Airdischarge Cradle: 8 kV Contact discharge, 15 kV Airdischarge Docking station: 8 kV Contact discharge, 15 kV Airdischarge
<b>Environment</b>	
Sealing	IP54 (display side)
Fall Security	1.2 m drop, 1 drop per side at 25 °C *4*5
Operating Temperature (Not in charging mode)	0 °C ~ 40 °C (32 °F ~104 °F)
Operating Temperature (running charging mode)	0 °C ~ 35 °C (32 °F ~ +95 °F)
Storage Temperature	-10 °C ~ 45 °C (14 °F ~ 114 °F)
Operating Humidity	20% - 80% RH non-condensing
Storage Humidity	20% - 80% RH non-condensing
<b>Size</b>	
Dimension	203.9 x 127.9 x 35.3mm (8.0" x 5.0" x 1.3")
Weight	665g (1.47lbs)
Weight (with all peripherals)	Max 690g (1.52lbs)
<b>OS Support</b>	Windows 8.1 (Support 32bit only)

## 2 Getting Started

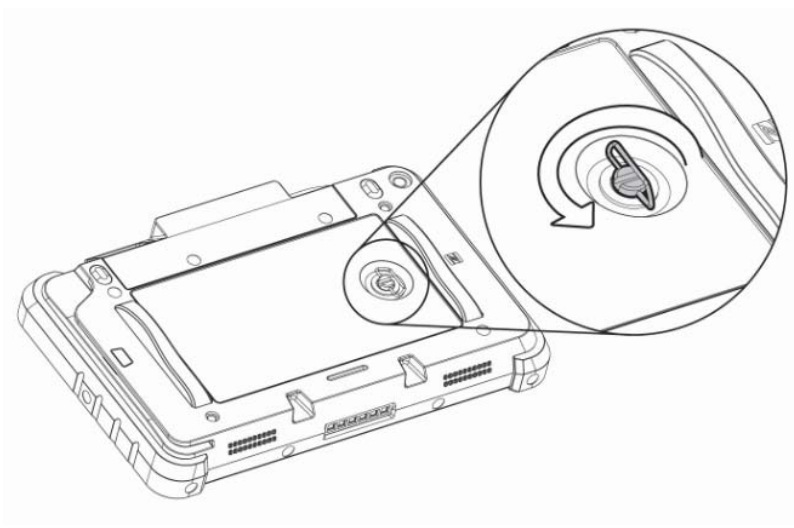
### 2-1 Power On/Off the System



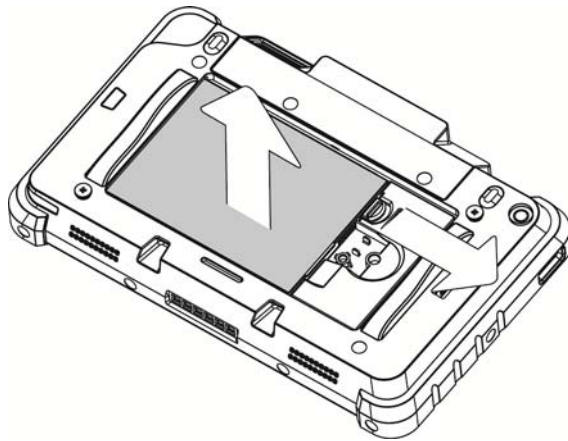
1. Push the power button to turn on the system and hold 4~5 seconds to turn off the system.

Note: For best touch performance, remove the protective plastic overlay from the LCD screen by peeling it away from one of the corners. Be sure to use a soft pointing device or finger tip to avoid scratching the screen during normal use.

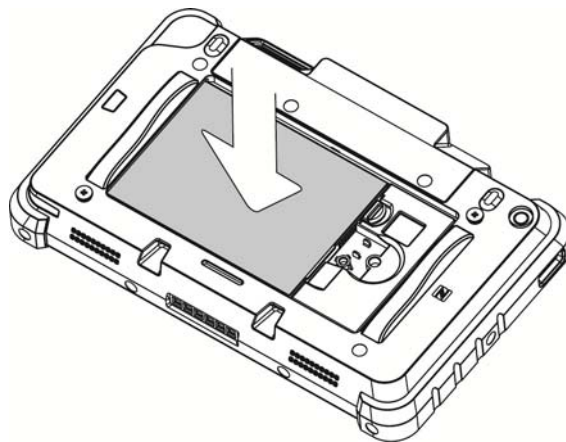
## 2-2 Replacing the Battery



1. Loosen the pen screw counter-clockwise on the battery cover.

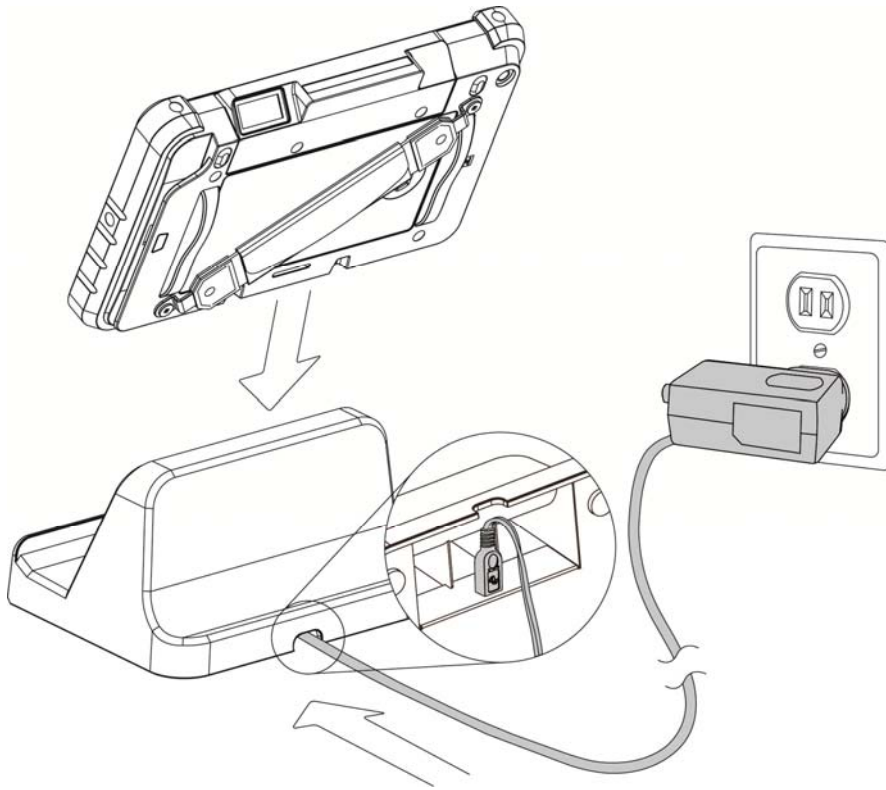


2. To remove the battery pull the plastic tab aside and gently lift the battery out of the system.



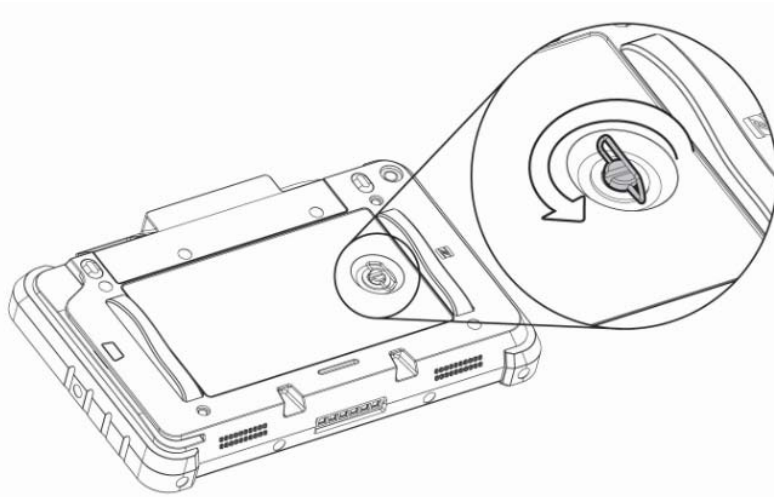
3. To install the battery put the battery in the slot and push until the battery clicks into place.

## 2-3 Using the Charging Cradle

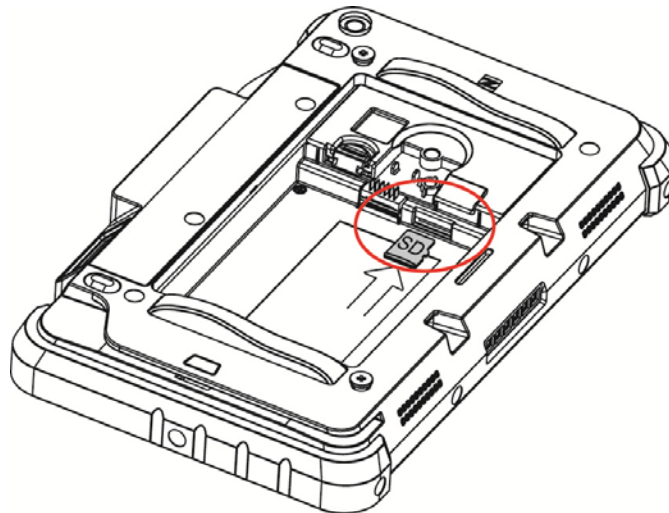


1. Connect the USB-AC adapter to the connector on the bottom of the cradle charger and the power outlet.

## 2-4 Replacing a Micro SD Card



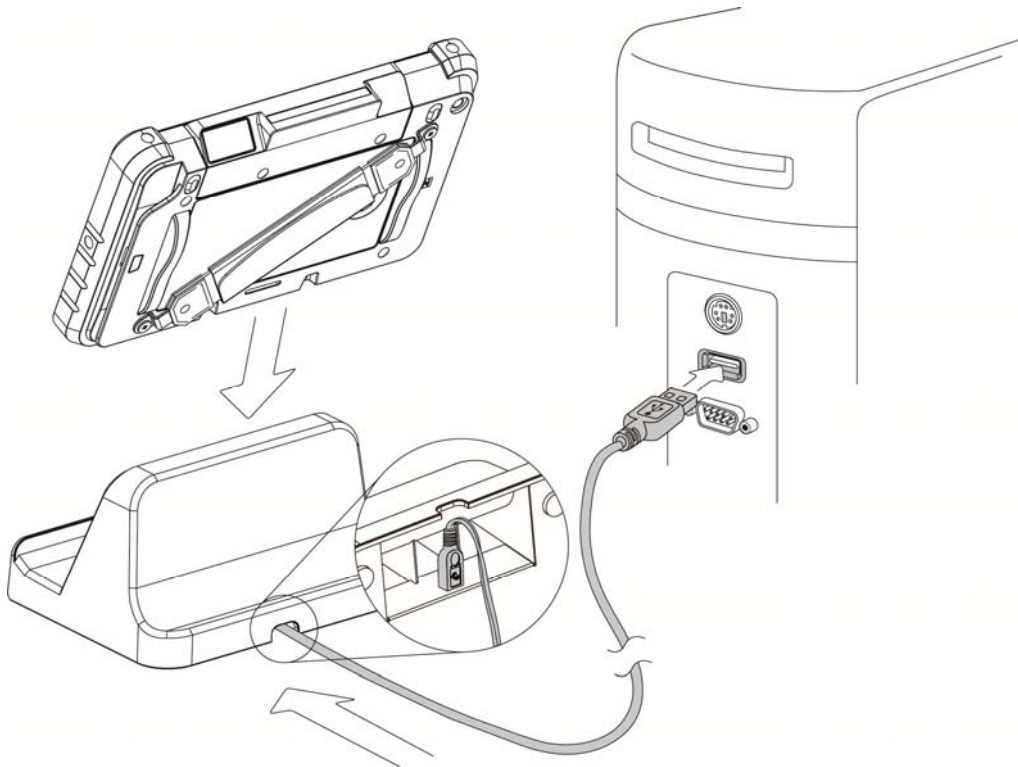
1. Loosen the pen screw counter-clockwise on the battery cover.



2. To install a Micro SD card insert the Micro SD card into slot until it snaps in place.
3. To remove the Micro SD card just push the card again and slide it outwards.

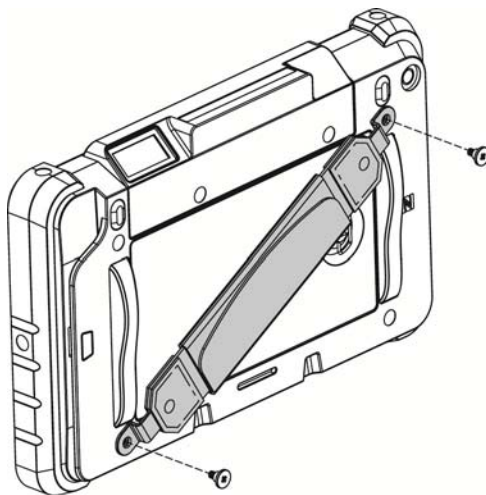


## 2-5 Synchronization



1. Connect the USB cable to the connector on the bottom of the cradle charger and connect the other end to a PC to synchronize the two devices.

## 2-6 Using the Charging Cradle



1. Attach the hand strap to the back of the system and fasten the screws (x2) to secure it.