



PDX50

Ready from the first scan.

Install the battery, charge the device, power on, and begin barcode data collection.

ANDROID 14+**QCM4490 CPU | 2.4 GHZ****IP68****8 GB RAM | 128 GB FLASH****WI-FI 6E | BLUETOOTH BLE 5.2****5G / LTE / CBRS READY**

What is in the box

Contents vary when optional charging items are ordered.

INCLUDED

Every PDX50 package

- PDX50 mobile computer
- Rechargeable main battery
- Adjustable hand strap

IF ORDERED

Packed with the PDX50

- AML power supply
- USB-C charging/data cable

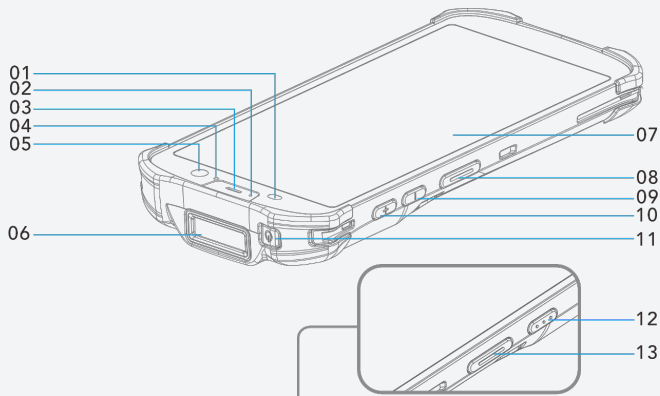
These items are purchased separately. When ordered with the device, they ship in the same PDX50 box.

DEVICE OVERVIEW

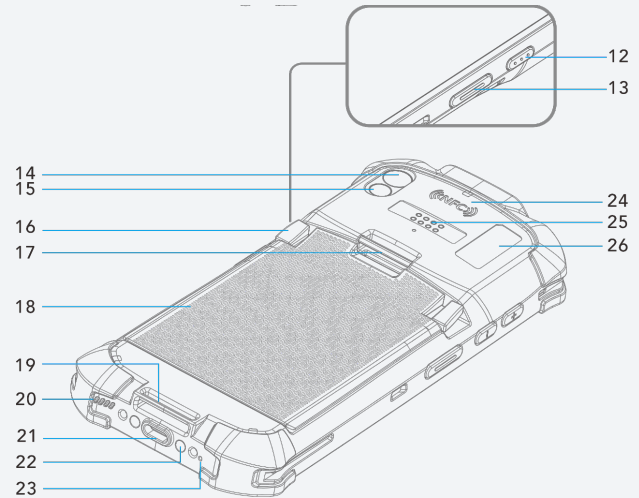
Controls and features

The numbered views identify the controls, connections and service points of the PDX50.

FRONT / SIDES



REAR / CONNECTIONS



NUMBERED LEGEND

- | | |
|---|-----------------------------------|
| 01 Proximity sensor | 14 Rear camera |
| 02 Microphone | 15 Camera flash |
| 03 Receiver | 16 Battery release latch |
| 04 Notification LED | 17 Upper hand-strap mount |
| 05 Front camera | 18 Main battery |
| 06 Barcode scanner | 19 Lower hand-strap mount |
| 07 Touchscreen | 20 Speaker |
| 08 Left scan button | 21 USB-C port |
| 09 Volume down | 22 Charging contacts |
| 10 Volume up | 23 Microphone |
| 11 Power button | 24 NFC reading area |
| 12 Programmable button (PTT capable) | 25 Accessory I/O connector |
| 13 Right scan button | 26 Laser safety label |

FIRST USE

Prepare, charge, power on

Complete these steps before using the PDX50 for barcode data collection.

1 Install cards, if required

With the PDX50 powered off, remove the main battery. Insert the nano-SIM and/or microSD card in the marked slot and orientation. Never force a card into place.

Card availability and cellular service depend on the PDX50 configuration.

2 Install the battery

Align the battery with the rear compartment, seat it fully, and press until securely latched. Fit the included hand strap and confirm that it does not interfere with the battery latch.

Use only AML-approved PDX50 batteries (AML model 180-5300).

3 Charge the PDX50

Connect the optional AML power supply and USB-C cable, or place the PDX50 in its charging cradle. The cradle is supplied with its own power supply.

 **RED** Charging  **GREEN** Charged

4 Turn on and complete setup

Press and hold the Power button for 3 seconds. Follow the Android setup prompts supplied with your AML configuration. AML Barcode Service initializes automatically during startup.

A momentary Power-button press puts the PDX50 in standby or wakes it.

CHARGING NOTE

Allow the battery to charge fully before the first extended work shift. Keep the USB-C port and cradle contacts clean and dry.

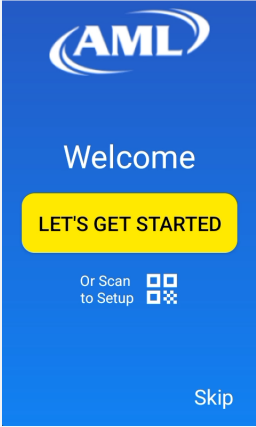
FIRST-BOOT CONFIGURATION

Set up in a few guided steps

The AML Setup Wizard appears when the PDX50 is started for the first time. Complete it before deploying the device.

1

Start



Tap Let's Get Started, or scan an approved setup barcode.

2

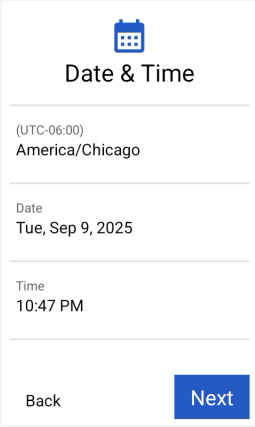
Connect



Choose the required Wi-Fi network and enter its credentials.

3

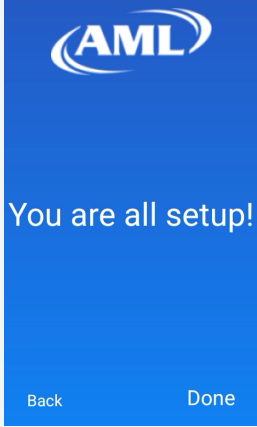
Confirm



Verify the date, time and local time zone, then tap Next.

4

Finish



Tap Done to complete the wizard and continue to the device home screen.

Setup by barcode

On the Welcome screen, scan an AML-approved setup barcode to apply a predefined industry or application deployment. Depending on the barcode, the PDX50 can be enrolled into AML Device Manager (ADM) or supported third-party applications such as Soti, Velocity, InTune.

If directed by barcode

AML Setup runs only when instructed by the enrollment barcode. It performs the requested setup, then closes automatically.

RECOMMENDED

Although the wizard provides a Skip option, completing Wi-Fi and time-zone setup is recommended before application enrollment and normal operation.

DAILY USE

Your first scan

AML Barcode Service starts automatically. No separate scanner utility needs to be opened at startup.

1 Connect

Open Settings and connect to the required Wi-Fi network.

2 Aim

Place the barcode inside the aiming pattern.

3 Scan

Press either blue scan button and hold steady until decoded.

If data does not appear, confirm the receiving app is active and the scan window is unobstructed.

Power and warm battery swap

STANDBY

Press the Power button momentarily.

POWER MENU

Press and hold Power to display Battery Swap, Power Off and Restart.

BATTERY SWAP

Select Battery Swap, follow the on-screen prompt, then replace the main battery.

30**SECONDS**

Install the charged replacement battery within 30 seconds after removing the main battery.

Help and support

TECHNICAL SUPPORT**877-842-3990**support@amltd.comwww.amltd.com

7361 Airport Fwy, Richland Hills, Texas 76118

Use safely

- Use only AML-approved batteries and charging accessories.
- Do not charge when ports or contacts are wet.
- Do not disassemble, puncture or short-circuit the battery.

KEEP IN TOUCH

Register your PDX50

Registering your PDX50 is quick and easy. Registration can help AML expedite support requests and keep you informed about news and information that may affect your AML devices.

PRODUCT REGISTRATION

Register online at

www.amltd.com/register

Registration helps AML support
your installed device population.

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