



PM86

**EMPOWER YOUR BUSINESS WITH
WI-FI 6—FEATURED IN THE TRULY
RUGGED MOBILE COMPUTER**

At-a-glance

- Android 11 (upgradable to Android 14), Android Enterprise Recommended
- 2.0GHz Qualcomm octa-core processor
- 4 GB/64 GB memory as standard
- micro SD, 2 SIM, and 2 SAM (optional) slots
- Wi-Fi 6, 2x2 MU-MIMO
- BLE Beacon (signals for up to 20 days, without the main battery)
- UHF Passive RFID tag integrated for device tracking
- N3603, N6703, N6803 FR (three options)
- 4,080 mAh or 5,800 mAh battery
- 2.0 m (6.6 ft.) multiple drops to concrete with the Rugged Boot
1.5 m (5.0 ft.) without, across the operating temperature range



Specifications



Specifications



Processor

Qualcomm® octa-core 2.0 GHz
4 GB RAM/64 GB ROM (UFS)



Dimensions

With standard battery
157.5 x 78.0 x 19.6 mm
(6.2 x 3.1 x 0.8 in.)
With extended battery
157.5 x 78.0 x 24.2 mm
(6.2 x 3.1 x 1.0 in.)



Network

IEEE 802.11 a/b/g/n/ac/ax/d/h/i/k/r/v,
2x2 MU-MIMO, CCX v4
4G LTE (optional)
Bluetooth Class 1 / Ver.5 / BLE support
BLE Beacon transmits signals for up to
20 days without the main battery



Sensors

Proximity sensor
Light ambient sensor
Accelerometer
Gyro sensor
Digital compass
SAR sensor
Barometer



Android

Android 11 (upgradeable to Android 14)
GMS & AOSP
FOTA (Firmware Over The Air) update
Android Enterprise Recommended



Weight

With standard battery
287.1 g (10.1 oz.)
With extended battery
315.1 g (11.1 oz.)



Audio

Two built-in microphones (noise-canceling)
Dual-speaker on the front side (output
max. 100 dB)
Receiver and headset jack (3.5mm)
Bluetooth headset support
PTT support



IP67 & IP65, 1.8 m drop

IP67 & IP65 water/dust resistance
2.0 m (6.6 ft.) with Rugged Boot and 1.5
m (5 ft.) without, multiple drops to
concrete across operating temperature
range, MIL-STD-810H



Display

5.0" IPS panel, FHD (1080 x 1920)
LED backlight
Daylight readable (more than 500 nits)
Multi-touch capacitive
Corning Gorilla Glass



Battery

Integrated with the back cover (one-pack)
Standard battery: 4,080 mAh (3.8 V)
Extended battery: 5,800 mAh (3.85 V)



Three scanner options

N3603, N6703, N6803FR
All support 1D/2D barcode symbologies



User Environment

Operating temperature
-20 °C to 60 °C (-4 °F to 140 °F)
Storage temperature
-25 °C to 70 °C (-13 °F to 158 °F)

Battery & Enterprise Hot-Swap

New battery pack design

The back cover and the battery now comprise one integrated part, contributing to increased safety and robustness, and offering a simpler battery replacement.

Enterprise Hot-Swap

The Enterprise Hot-Swap lets PM86 keep its screen on even while the main battery is detached for replacement and activates the countdown timer to show how much time is left before the device shuts down.



Network

Speedy and reliable wireless network

PM86 supports **Wi-Fi 6**: A faster, more secure wireless connection than the previous generation. Wi-Fi 6 also consumes much less power than Wi-Fi 5, thanks to TWT technology.

In addition, **2x2 MU-MIMO** enhances each network AP's capacity, supporting multiple devices at the same time with minimum speed loss.

4G LTE is available as an option.



Faster
More Efficient
More Secure

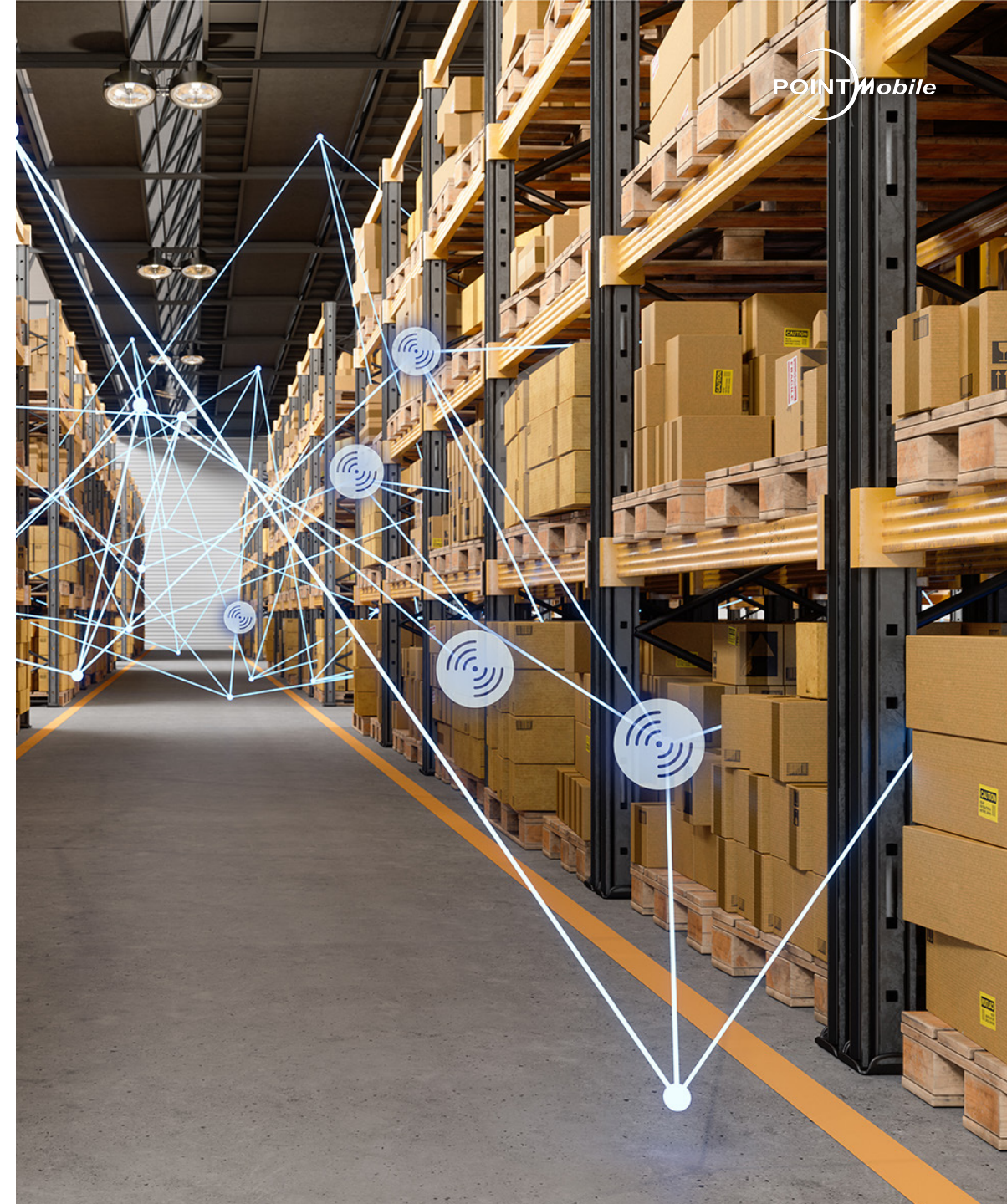
Asset Management

BLE Beacon & UHF Passive RFID tag

BLE Beacon transmits Bluetooth signals with location information for **up to 20 days** without the main battery. You can find PM86 easily even in large facilities that use more than thousands of devices.

In addition, every PM86 comes with a **UHF Passive RFID tag inside** so that you can count and track the number of devices in just a moment.

These two features for better asset management **reduce the number of lost devices** as well as the time searching for them, ultimately helping **lower the TCO.**



Accessories

PM86 is also compatible with the PM85 charging cradles (except battery bays).

Standard



AC/DC Power
Adaptor



Country Plug



USB-C Cable



Battery

- Standard: 4,080 mAh
- Extended: 5,800 mAh



LCD Protection
Film



Hand Strap

Optional



Single Slot Cradle
(opt. Ethernet)



Dual Slot Cradle
(Connect up to **3** cradles)



4 Slot Battery
Charger



UHF RFID Reader



Gun Handle



**COMING
SOON!**

Android solution



EmKit™
Enterprise Mobility Kit

The **Enterprise Mobility Kit (EmKit™)** is Point Mobile's value-added service kit engineered for the pure benefit of system integrators. Experience software services as intelligent as the ruggedness of our industrial handhelds - fully compatible with all our Android GMS certified devices.

<Main features>



Direct Clone

Solution for restoring the devices to the same settings with no internet connection. With Direct Clone, a Master PDA becomes a hotspot server and sends its backup file to nearby client devices to clone the settings.



Scan2Stage

PC tool for provisioning Point Mobile Android devices. With Scan2Stage, IT administrator can prepare the settings of the device and make QR code for Scan2Set.

Android solution



PULS

Patches, Updates & Lifetime Support

PULS is Point Mobile's lifetime solution, which extends the life cycle of Android-based Point Mobile enterprise devices up to seven years after a product launch.

From the initial launch until the end of sales

Two additional years
after the end of sales

Total 7 years of updates & security patches



Stay up-to-date with the latest update for 7 years



Security patches are provided regularly



Conveniently update your devices in the field **by FOTA**

PMDM Introduction



Make a Profile
Easily as You want



Check Device Status
At a Glance



Easy Deployment

PMDM is a **mobile device management solution
for managing and monitoring your PM Android devices**

Centralized management of enterprise devices is vital for better productivity. You should provide a device configuration so that the workers can concentrate on their work with the device, and also decrease the device downtime by predicting when to replace the battery, etc.

PMDM make the centralized management that IT administrators want real with various management feature

PMDM_features

Device Management

Easy Grouping & Easy Deployment

Features	Standard (Free)	Enterprise (Paid)
Fast Enrollment & Easy Provisioning	✓	✓
Smart Group	✓	✓

Asset Management

Check Device Status At a Glance

Device Status Visibility	✓	✓
Custom Notifications	✓	✓
OS Update	✓	✓
Device Info Synchronization	✓	✓
Remote Control		✓
App & File Store		✓

Profile Management

Make a Profile Easily as You Want

Configure Profile with Ease	✓	✓
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✓ Increase productivity

Fast Enrollment and easy provisioning for all Point mobile devices.

✓ Minimize downtime

Monitoring device and battery health status to know replacement time in advance

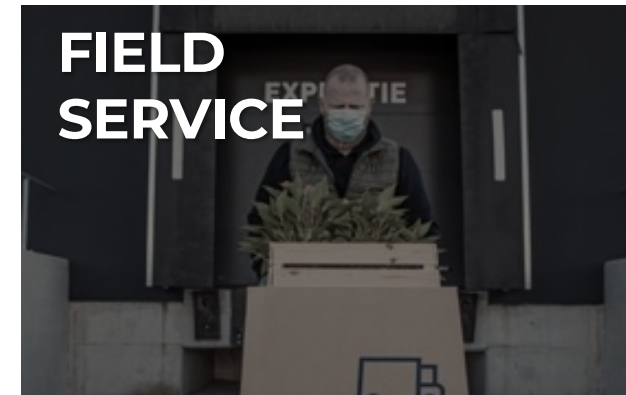
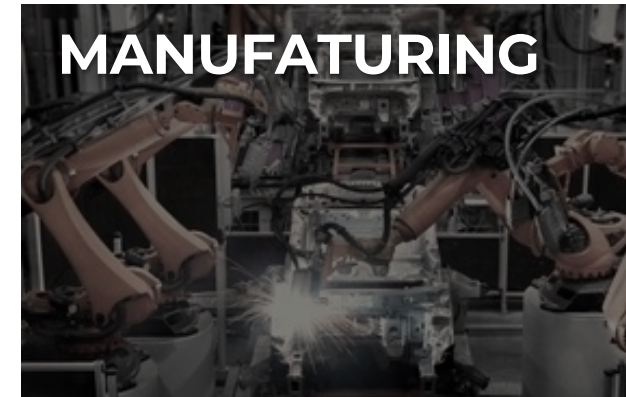
✓ Remote control

PMDM will support Remote control in the new version.

Applications

Point Mobile is at the forefront of Digital Transformation

– where people and things are connected





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