

PM84P

Now Even Smarter and Faster A New Generation Beyond PM84

Performance Upgrade — Faster, Smoother, More Responsive

To meet evolving market requirements, PM84P is equipped with a Qualcomm Octa-core processor, delivering faster, smoother performance than its predecessor. The operating system has been upgraded to Android 15 (upgradable to Android 18), providing improved stability, enhanced security, and better application performance. These enhancements enable PM84P to handle intensive enterprise workflows efficiently and responsively.

Key Feature Enhancements Over PM84

Building on the foundation of the PM84, PM84P introduces meaningful upgrades to support broader and more demanding business workflows. It now offers 4GB or 8GB RAM options, giving enterprises flexibility to match performance with operational needs. Bluetooth 5.3 ensures faster pairing, improved stability, and better energy efficiency. Additionally, an integrated RFID Tag for simplified device identification and asset tracking.*

Precision Scanning for Every Condition

Equipped with a next-generation 2D scan engine, PM84P delivers fast, precise, and reliable barcode capture across a wide range of real-world conditions. Whether scanning damaged, low-contrast, high-density, or moving barcodes, the upgraded engine ensures high accuracy and rapid decoding, enabling smooth workflows with minimal interruptions.

Designed for Seamless Continuity

PM84P maintains compatibility with PM84 accessories, allowing businesses to carry forward existing investments without additional hardware costs. Its ECO Design-compliant battery delivers stable, long-lasting power while reducing environmental impact. Combined with the familiar industrial design, PM84P integrates naturally into current operations—minimizing retraining and maintaining productivity from day one.



Basic Package

- 1 x Power Adaptor
- 3 x Power Plugs (US, EU, UK type)
- 1 x Hand Strap
- 1 x LCD Protective Film

Accessories (Optional)

- Single Slot Cradle
- Single Slot Ethernet Cradle
- Single Slot Cradle (Light version)
- Single Slot Ethernet Cradle (Light version)
- 4 Slot Battery Charger
- Gun Handle
- Rugged Boot
- USB Cable type C



Octa-core



RAM
4 GB or 8 GB



ROM
64 GB



Android 15
(upgradable to 18)



RFID Tag
(selected SKU)



STD: 4,800 mAh
EXT: 7,000 mAh



1D/2D
Scan Engine



263 g



5.5" FHD+ Display
(720 x 1,440)



GNSS



1.5 m (5 ft.)
multiple drops



IP65



-20 °C to 60 °C



Rear 13 MP
Front 5 MP



Bluetooth
v5.3



NFC



4G LTE/ Wi-Fi 6E



PULS
Service

* RFID Tag functionality is available on selected SKU only



PM84P

PERFORMANCE CHARACTERISTICS

Main processor

Qualcomm Octa-core @ 2.0 GHz

Operating system

Google Android Android 15 (upgradable to Android 18*)
(GMS & AOSP) FOTA (Firmware Over The Air) update

Memory and storage

RAM 4 GB / 8 GB
Flash 64 GB
micro SD Supports up to 512 GB using ExFAT file system
SIM 1 nano SIM

Sensor

Proximity sensor, Light ambient sensor,
Accelerometer, Gyro sensor, Digital
compass

PHYSICAL CHARACTERISTICS

Dimensions 164.8 x 78 x 17.6 mm
 6.5 x 3.1 x 0.7 in.

Weight 263 g / 9.3 oz.

Display 5.5" IPS panel (720 x 1440 pixels), HD+
 LED backlight
 Daylight readable (440 nits, typical)
 Wideviewing angle
 Multi-touch capacitive
 Corning Gorilla Glass

Power

Standard battery 4,800 mAh, 3.87 V, Li-ion rechargeable
Extended battery 7,020 mAh, 3.87 V, Li-ion rechargeable
Back-up battery 95 mAh, 3.7 V (10C), Enterprise Hot-Swap
 (UI Timer)

Key & Buttons

Right Scan
Left Scan, Volume
Top Power

Voice & Audio

Dual microphones
Receiver
Speaker on front side (93 ± 3 dB)

Standard communications

USB 2.0 Type-C/OTG
POGO 2 pin
POGO 5 pin in rear

Notification

2 x Dual LEDs for power (R/G) and
warning (R/B) indication
Vibration

GLOBAL NAVIGATION SATELLITE SYSTEM

WLAN SKU: No GNSS
WWAN SKU: GNSS receiver support for GPS (A-GPS),
GLONASS, Galileo, and Beidou

WIRELESS

Wireless WAN

EDGE/GPRS/GSM 900/1800/850/1900
WCDMA B1/2/4/5/6/8/19
LTE FDD B1/2/3/4/5/7/8/12/13/17/19/20/25/26/28
 /66
LTE TDD B38/39/40/41

Wireless LAN

Radio IEEE 802.11 a/b/g/n/ac/ax/d/h/i/k/r/v,
 2x2 MU-MIMO
 Wi-Fi 6E

Data rates 6 GHz: 802.11 ax: Up to 1201 Mbps
 5 GHz: 802.11 a/n/ac/ax: Up to 1201 Mbps
 2.4 GHz: 802.11 b/g/n/ax: Up to 286.8
 Mbps

Operating channels 1 to 13 (2412~2472 MHz)
 36 to 165 (5180~5825 MHz)
 1 to 233 (5955~7115 MHz)

Channel bandwidth 20, 40, 80 MHz

Security and encryption WEP / WPA / WPA2 / WEP, RC4 Algorithm /
 TKIP, RC4 Algorithm / AES, Rijndael
 Algorithm, EAP-TLS / EAP-TTLS / PEAP-
 GTC /PEAP-MSCHAPv2 /LEAP supported,
 WiFi Direct and Hot spot support, WPA3
 Personal WPA3, Enterprise, Enhanced Open
 (OWE)

Fast Roam 802.11r

Wireless PAN

Bluetooth Class I, ver. 5.3, BLE support

DATA CAPTURE

Integrated scan engine

Supporting 1D/2D barcode symbologies

Camera

Rear 13 MP, F. No. 1.8, Auto Focus
Front 5 MP

NFC (Near Field Communication)

NFC-Forum Reader for NFC Forum (Tag Types 1 to 5)
(NFC-IP Modes)

Reader ISO/IEC 14443 A, ISO/IEC 14443 B, ISO/IEC
(PCD – VCD) 15693, Mifare Classic 1K/4K, Mifare
 DESFire, Mifare UltraLight®, Sony FeliCa

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

Humidity 95% non-condensing

Drop 1.8 m (6 ft.) with Rugged Boot and
 1.5 m (5 ft.) without, multiple drops to
 granite surface across the operating
 temperature range, MIL-STD-810H

Tumble 500 cycles, 0.5 m (1.6 ft.) tumbles per
 IEC 60068-2-31 specification


Rain/dust proof IP65
(Sealing)

Electrostatic discharge ± 15 kV air discharge
 ± 8 kV contact discharge

REGULATORY APPROVALS AND COMPLIANCE

CB, CE, FCC, NRCAN, RCM, KC, CU, FAC, FSS, CST, SASO IECCE
(SIRC), BIS, WPC, IMDA, NBTC, MTC, RoHS, WEEE, REACH,
ANATEL, NOM019, NOM208, NOM-211 Parts 1 & 2 (IFITEL),
IFT012 SAR

ENTERPRISE SOLUTION

 **PMDM**
Simple yet powerful management solution

PMDM is a mobile device management solution for managing
and monitoring your Point Mobile Android devices.

Centralized management of enterprise devices is vital for better
productivity. You should provide a device configuration 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.

 **EmKit**
Enterprise Mobility Kit

The EmKit™ is Point Mobile's value-added service kit engineered
for the pure benefit of system integrators. EmKit supports the
utilization, solution development, and secure management of
your business devices.

PULS – ANDROID UPDATE & SECURITY

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

 **PULS**
Patches, updates & Lifetime Support

Stay up-to-date with the latest security updates for up to 7 year
Conveniently update your devices in the field by FOTA
Update Android Versions and use new features via PULS**

For further information, please visit www.pointmobile.com or
contact your regional sales representative.

WARRANTY

Subject to the Terms and Conditions, PM84P carries 1 (one)
year-warranty period from the date of purchase against the
defective materials and manufacturing defects.

For the further inquiry, please leave your message here:
<https://www.pointmobile.com/en/contact/inquiry.php>

* The Android version may vary based on the mobile processor product roadmap.
The upgradeable version is subject to change on the manufacturer's policy and
condition.

** Android version updates may come with restrictions and could incur
charges.

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