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 (GMS & AOSP)	Android 15 (upgradable to Android 18*) 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

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 (NFC-IP Modes)	Reader for NFC Forum (Tag Types 1 to 5)
Reader (PCD – VCD)	ISO/IEC 14443 A, ISO/IEC 14443 B, ISO/IEC 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 (Sealing)

IP65

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 IECEE (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.