

# PM84

## ELEVATE YOUR BUSINESS WITH A PRACTICAL AND HIGH-QUALITY MOBILE COMPUTER

### Enterprise Mobile Device for All Business Sizes

Meticulously designed, the PM84 stands out as a practical choice for businesses, yet delivers uncompromising performance. Powered by an octa-core processor and furnished with 4 GB RAM and 64 GB ROM standard storage, the device ensures a smooth user experience. A robust, easily replaceable 4,830 mAh (opt. 7,000 mAh) battery powers the device throughout the day. The back cover and the battery comprise one integrated part, contributing to increased safety and robustness, and offering a much easier on-the-spot battery replacement. PM84 features a 13 MP rear camera with Auto Focus for quick and clear on-site image capture, while 5 MP front camera facilitates video calls for clearer communication, especially when delivering real-time on-site information.

### Productivity-Enhancing Business Features

Enjoy optimal user experience for your business with the PM84, certified by Android Enterprise Recommended. AER certified devices meet Google's strict requirements, including regular and consistent software and security updates. The unique Enterprise Hot-Swap feature saves time and safeguards your ongoing tasks, by allowing uninterrupted screen operation during battery replacement and initiating a safe shutdown countdown timer. Managing your devices has never been easier with Point Mobile Device Management (PMDM). It enables a remarkably straightforward and centralized process for the initial setup and updating of hundreds of devices. Furthermore, Point Mobile's extensive partnerships with third-party solution providers offer a variety of advanced MDM solutions from which you can choose to meet your specific business needs. The scan engine is optimized for fast and accurate data capture reading all commonly used 1D/2D symbologies, expanding the applicability of PM84 to various industries including retail, e-commerce, delivery services, transportation, and warehouse management.



### Built for Durability and Longevity

Built to excel in demanding business environments, the PM84 boasts 1.8 m (6 ft.) drop resistance with the Rugged Boot and 1.5 m (5 ft.) without, onto granite and meets MIL-STD-810H drop standards. It passed a 500-cycle, 0.5 m (1.6 ft.) tumble test and operates within a temperature range of -20 °C to 60 °C (-4 °F to 140 °F), proving its suitability for even the harshest industrial settings. Equipped with Corning Gorilla Glass, the PM84 is designed for an extended lifecycle and exceptional durability.

### Industries

- Field Services
- Transport & Logistics
- Warehouse Management
- Retail
- Hospitality

### Accessories

- | Standard              | Optional                           |
|-----------------------|------------------------------------|
| AC/DC Power Adaptor   | Single Slot Cradle (opt. Ethernet) |
| Country Plug          | 4 Slot Battery Charger             |
| LCD Protection Film   | Gun Handle                         |
| USB-C Cable           | UHF RFID Reader                    |
| Battery               | Rugged Boot                        |
| - Standard: 4,830 mAh |                                    |
| - Extended: 7,000 mAh |                                    |
| Hand Strap            |                                    |




# PM84

## PERFORMANCE CHARACTERISTICS

### Main processor

Octa-core @ 2.0 GHz

### Operating system

Google Android (GMS & AOSP) Android 13 (upgradable to Android 15) FOTA (Firmware Over The Air) update

### Memory and storage

RAM/ROM 4 GB/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** 266 g/9.4 oz.

### Display

5.45" 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 4,830 mAh 3.87 V, Li-ion rechargeable  
Extended battery 7,000 mAh, Li-ion rechargeable  
Back-up battery 95 mAh 3.7 V (10C), Enterprise Hot-Swap

### 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/d/h/i/k/r/v, 1x1 MU-MIMO  
Data rates 5 GHz: 802.11 a/n/ac: Up to 433 Mbps  
2.4 GHz: 802.11 b/g/n: Up to 150 Mbps  
Operating channels 1 to 13 (2412~2472 MHz)  
36 to 165 (5180~5825 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. 5.1, 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), P2P Active (106 to 424 kbps) Initiator and Target, P2P Passive (106 to 424 kbps) Initiator and Target  
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 60068-2-32 specification

**Rain/dust proof (Sealing)** IP65 / IP67

**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 IEC62 (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 years  
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](http://www.pointmobile.com) or contact your regional sales representative.  
\*Android version updates may come with restrictions and could incur charges.

## WARRANTY

Subject to the Terms and Conditions, PM84 carries 1 (one) year-warranty period from the date of purchase against the defective materials and manufacturing defects.

For the further inquiry, please contact:  
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