

# PM84

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

### Enterprise-class mobile devices for small and medium-sized businesses and early adopters

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 4,950 mAh (opt. 7,020 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

- Retail
- Field Services
- Hotels & gastronomy
- Field Services
- Logistics

#### Accessories

- |   |   |
|---|---|
| <b>Standard</b><br>AC/DC Power Adaptor<br>Country Plug<br>LCD Protection Film<br>USB-C cable<br>Hand Strap<br>Battery<br>- STD 4830 mAh<br>- OPT 7020 mAh | <b>Optional</b><br>Single Slot Cradle (opt. Ethernet)<br>4 Slot Battery Charger<br>Gun Handle<br>UHF RFID Reader<br>Rugged Boot |
|---|---|



Octa core  
2.0 GHz



13



4GB/64GB



1 nano  
SIM



5.45"  
HD+



Gorilla  
Glass



STD 4830 mAh  
EXT 7020 mAh



Enterprise Hot  
Swap



GNSS



LTE, WiFi,  
GPS, NFC



WiFi



Bluetooth  
C1 v 5.1



1.8  
or 1.5



2D imager



13 Mpix rear  
5 Mpix front



NFC



IP65

# PM84

## PERFORMANCE CHARACTERISTICS

|                           |  |
|---------------------------|--|
| <b>Main processor</b>     | Octa-core 2.0 GHz  |
| <b>Operating System</b>   | Google Android (GMS & AOSP) Android 13 (upgradable to Android 15)<br>Upgradable FOTA (Firmware Over The Air) |
| <b>Memory and Storage</b> | RAM/ROM Rugged Boot<br>micro SD Supports up to 512 GB using ExFAT file system<br>SIM 1 nano SIM              |
| <b>Sensors</b>            | Proximity sensor, Light ambient sensor, Accelerometer, Gyro sensor, Digital compass                          |

## PHYSICAL CHARACTERISTICS

|                                |   |
|--------------------------------|---|
| <b>Dimensions</b>              | 164.8 x 78 x 17.6 mm<br>6.5 x 3.1 x 0.7 in.   |
| <b>Weight</b>                  | With battery STD 266 g / 9.4 oz.  |
| <b>Display</b>                 | 5.45" IPS panel (720 x 1440 pixels), HD+ LED backlight<br>Daylight readable (440 nits, typical)<br>Wideviewing angle<br>Multi-touch capacitive<br>Corning Gorilla Glass   |
| <b>Power</b>                   | Battery Standard 3.8 V, 4830 mAh Li-ion rechargeable<br>Battery Extended 3.85 V, 7020 mAh Li-ion rechargeable<br>Battery Back-up 3.7 V, 90 mAh (10C), Enterprise Hot-Swap |
| <b>Buttons</b>                 | Right Scan<br>Left Scan, Volume<br>Top Power  |
| <b>Voice &amp; Audio</b>       | Dual microphones<br>Receiver<br>Speaker on front side (93 ± 3 dB)   |
| <b>Standard communications</b> | USB 2.0 Type-C/OTG<br>POGO 2 pin<br>POGO 5 pin in rear  |
| <b>Notification</b>            | 2 x Dual LEDs for power (R/G) and warning (R/B) indication<br>Vibration   |

## GLOBAL POSITIONING SYSTEM

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

## WIRELESS

|                     |   |
|---------------------|---|
| <b>Wireless WAN</b> | EDGE/GPRS/GSM 900/1800/850/1900<br>WCDMA B1/2/4/5/6/8/19<br>LTE FDD B1/2/3/4/5/7/8/12/13/17/19/20/25/26/28/66<br>LTE TDD B38/39/40/41   |
| <b>Wireless LAN</b> | Radio IEEE 802.11 a/b/g/n/ac/d/h/i/k/r/v, 1x1 MU-MIMO<br>Data rates 5 GHz: 802.11 a/n/ac: to 433 Mbps<br>2.4 GHz: 802.11 b/g/n: to 150 Mbps<br>Kanały operacyjne 1 to 13 (2412~2472 MHz)<br>36 to 165 (5180~5825 MHz)<br>Pasmo kanału 20, 40, 80 MHz<br>Security and Encryption WEP / WPA / WPA2 / WEP, RC4 Algorithm / TKIP, RC4 Algorithm / AES, Rijndael Algorithm, EAP-TLS / EAP-TTLS / PEAPGTC / PEAP-MSCHAPv2 / LEAP supported, WiFi Direct and Hot spot support, WPA3 Personal WPA3 Enterprise, Enhanced Open (OWE)<br>Fast Roam 802.11r |
| <b>Wireless PAN</b> | Bluetooth Class I, ver. 5.1, BLE support  |

## DATA CAPTURE

|               |  |
|---------------|--|
| Scanner N5703 | Supporting 1D/2D barcode symbologies             |
| <b>Camera</b> | Rear 13 MP, F. No. 1.8, Auto Focus<br>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


|                              |                                     |
|------------------------------|-------------------------------------|
| <b>Operating temperature</b> | -20 °C to 60 °C<br>-4 °F to 140 °F  |
| <b>Storage temperature</b>   | -25 °C to 70 °C<br>-13 °F to 158 °F |
| <b>Humidity</b>              | 95% Non-condensing                  |

|                                   |  |
|-----------------------------------|--|
| <b>Drop</b>                       | 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 |
| <b>Tumble</b>                     | 500 cycles, 0.5 m (1.6 ft.) tumbles per IEC 60068-2-32 specification   |
| <b>Rain /Dust Proof (Sealing)</b> | IP65 / IP67  |
| <b>Electrostatic discharge</b>    | ± 15 kV air discharge<br>± 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 a set of value-added services developed by Point Mobile for system integrators. The EmKit supports the use, development of solutions and secure management of business devices.

## PULS – ANDROID UPDATE & SECURITY

PULS is 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 updates for 7 years

PULS comes free of charge for security patches & updates  
Get the latest Android version and its newest features  
Conveniently update your devices in the field by FOTA

For further information, please visit [www.pointmobile.com](http://www.pointmobile.com) or contact your regional sales representative.

## WARRANTY

Subject to the Terms and Conditions, the PM67 comes with a 1 (one) year warranty from the date of purchase against defective materials and manufacturing defects

Point Special and Premium Care service is recommended.

For more information, please contact: [serwis@epicmobile.pl](mailto:serwis@epicmobile.pl)

\*Applicable MOQ: For more information, please contact your sales representatives.

**For more information, visit [pm.epicmobile.eu](http://pm.epicmobile.eu) or [www.pointmobile.com](http://www.pointmobile.com)**

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