POINT Mobile

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 4,950 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.

Android Enterprise Recommended ✓

Industries

Field Services
Transport & Logistics
Warehouse Management
Retail
Hospitality

Accessories

Standard
AC/DC Power Adaptor
Country Plug
LCD Protection Film
USB-C Cable
Battery
  - Standard: 4,950 mAh
  - Extended: 7,020 mAh
Hand Strap

Optional
Single Slot Cradle (opt. Ethernet)
4 Slot Battery Charger
Gun Handle
UHF RFID Reader
Rugged Boot

OCTA CORE 2.0 GHz	ANDROID 13	RAM/ROM 4 GB / 64 GB	1 nano SIM	5.45" HD+ 720 x 1440	GORILLA GLASS	4,950 mAh 7,020 mAh	ENTERPRISE HOT-SWAP	GNSS
4G LTE	WIFI	BLUETOOTH CLASS I VER. 5.1	2D IMAGER	13 MP REAR 5 MP FRONT	NFC	1.8 m (6 ft.) 1.5 m (5 ft.)	IP65 / IP67	PULS SERVICE

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	4,950 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

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 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.

*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.

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