PM84

UPSCALE YOUR BUSINESS WITH A PRACTICAL YET HIGH-QUALITY MOBILE COMPUTER

Enterprise Mobile Device for SMEs and Beginners

Designed with simplicity in mind, the PM84 provides an uncompromising performance experience similar to more advanced enterprise devices. Powered by a 2.0 GHz 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. 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 more clear communication, especially when delivering real-time on-site information.

Productivity-Enhancing Business Features

Experience an optimal user experience for your business with the PM84, certified by Android Enterprise Recommended. AER certified devices meets Google's strict requirements, including regular and consistent software and security updates. The unique Enterprise Hot-Swap feature saves time and safeguard 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 thanks to Point Mobile Device Management (PMDM), enabling the remarkably straightforward and centralized initial setup and updating of hundreds of devices. The scan engine is optimized for fast and accurate data capture reading all commonly-used 1D/2D symobologies, while alternative no-scanner configurations are available to accommodate businesses that do not require barcode scanning, expanding the applicability of PM84 to various industries, including retail, e-commerce, delivery services, manufacturing process management, transportation, and warehouse management.



Android Enterprise Recommended

Built for Durability and Longevity

Constructed to thrive in demanding business environments, the PM84 boasts 1.5 m (5 ft.) drop resistance onto granite and meets MIL-STD-810H standards. It has passed a 500-cycle, 0.5 m (1.6 ft.) tumble test and operates within a wide temperature range from -20 °C to 60 °C (-4 °F to 140 °F), surpassing the durability of consumer smartphones by a big margin. With an IP67 rating for water and dust resistance, along with Corning Gorilla Glass, PM84 is designed for extended lifecycle and exceptional durability.

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: 4,080 mAh
  - Extended: 7,000 mAh
- Hand Strap

Optional

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



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

Key & buttons

Right	Scan
Left	Scan, Volume
Top	Power

Voice and 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 on battery
Notification	2 x dual LEDs for power (R/G) and warning (R/B) indication Vibration

GLOBAL NAVIGATION SATELLITE SYSTEM

WiFi SKU: No GNSS
Phone SKU: GPS, GNSS receiver support for 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)	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 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 or contact your regional sales representative.

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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