

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 meet 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 symbologies, 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.

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 IP65 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

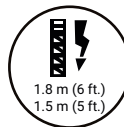
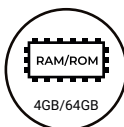
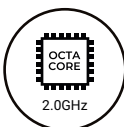
Accessories

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) 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 (IFTEL),
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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