

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.

Industries

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

Accessories

- | | |
|---|---|
| <p>Standard</p> <ul style="list-style-type: none"> AC/DC Power Adaptor Country Plug LCD Protection Film USB-C Cable Battery <ul style="list-style-type: none"> - Standard: 4,950 mAh - Extended: 7,020 mAh Hand Strap | <p>Optional</p> <ul style="list-style-type: none"> 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	4,950 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 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 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.

For the further inquiry, please contact:
service@pointmobile.com

Follow us on our social pages:



Nordelettronica S.R.L.
Via Cantù, 36 - 20092 Cinisello Balsamo (MI) Italia
+39 02 611 1961 - www.nordele.it - info@nordele.it