

PM75

RUGGED MOBILE COMPUTER STREAMLINED FOR ENTERPRISE MOBILITY

An enterprise device built with and for efficiency

Fast, powerful, and rugged: PM75 is cut out for these three ideals, while maintaining a light and ergonomic body. The Android device provides a powerful scan engine, comfortable grip, long-lasting battery, and seven-long years of update support – all of which are the essential components for building a great and versatile rugged mobile computer.

Fine-tuned hardware for the best operating system

Qualcomm’s 2.0GHz processor runs the device smoothly with the help of 3GB RAM / 32GB ROM (opt. 4GB / 64GB). PM75 comes with two scan engine options (N3601 or N6603) to match your business needs. The Android 11 operating system offers efficient battery management, easy navigation, and the best data security among any existing mobile operating system. Both the hard parts and software are carefully tuned for each other, enabling PM75 to run the latest powerful solutions effortlessly. EmKit , Point Mobile’s unique set of tools for businesses, is pre-installed for easy bulk deployment, management, and increasing productivity.

Designed for tough handling and low maintenance

The bright 5.45in HD+ (720 x 1440 pixels) display helps users to see and control PM75’s interface without difficulty even under the sunlight. The device withstands multiple drops to concrete from 1.5m (5ft) height and has an IP65 water/dust resistance rating, in addition to the protection from scratches by adopting Gorilla Glass: ready to operate in one of the harshest working environments.



Industries

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

Accessories

- Standard**
- AC/DC Power Adaptor
 - Country Plug
 - LCD Protection Film
 - USB-C cable
 - Hand Strap
 - Battery STD 2900 mAh

- Optional**
- Single Slot Cradle for Gun Handle or RFID reader
 - Dual Slot Cradle**
 - *Connect up to 3 Dual Slot Cradles to charge up to 6 devices at a time
 - 4 Slot Battery Charger
 - Gun Handle
 - UHF RFID Reader RF750
 - Battery EXT 5800 mAh



Octa core 2.0 GHz



11



3GB/32GB
4GB/64GB



Daylight readable



5.45" HD+



Gorilla Glass



STD 2,900 mAh
EXT 5,800 mAh



Enterprise Hot Swap



GPS GLONAS



LTE, WiFi,



Fast WiFi roaming



Bluetooth



WiFi 6



2D imager



8 Mpix Rear



NFC



IP65



Push-to Talk

PM75

PERFORMANCE CHARACTERISTICS

Main processor

Qualco mm® Octa-core 2.0 GHz

Operating System

Google Android (GMS & AOSP) Android 11 (upgradable to Android 14)
Upgradable FOTA (Firmware Over The Air)

Memory and Storage

RAM/ROM 3 GB / 32 GB or opcjonalnie 4 GB / 64 GB
micro SD Supports up to 512GB using ExFAT file system
SIM 1 slot SIM nano

Sensors

Proximity and Light Ambient sensor
Acceleration sensor and Gyro
Digital compass

PHYSICAL CHARACTERISTICS

Dimensions

With battery STD 78.0 x 164.8 x 15.2 mm
3.0 x 6.5 x 0.6 in.

With battery EXT 78.0 x 164.8 x 20.8 mm
3.0 x 6.5 x 0.8 in.

Weight

With battery STD 246g / 8.7oz
With battery EXT 299g / 10.5oz

Display

5.45", IPS panel (720 x 1440 pixel) HD+
LED backlight
Daylight readable (500 nits typical)
Wideviewing angle
Multi-touch capacitive
Corning Gorilla glass

Power

Battery STD Li-on, 3,85 V, 2900 mAh
Battery EXT Li-on, 3,85 V, 5800 mAh

Battery Back-up 3.7 V, 60 mAh (10C),
Enterprise Hot-Swap

Buttons

Right Scan, Power (recessed)
Left Large PTT, Volume (up/down)

Voice and Audio

Two built-in microphones
Speaker

Standard Communications

USB 2.0 Type C OTG
Pogo pin 8 and rear cover pogo pin 6

Notification

Vibration Yes
LED Power Notification (R/G),
Warning Notification (R/B)

GLOBAL POSITIONING SYSTEM

GPS

Qualcomm GPS, GNSS receiver support for A-GPS, GLONASS,
and Beidou (Phone SKU)

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 802.11a/b/g/n/ac/ax (ready)/d/h/i/k
/r/v, 1x1 MU-MIMO

Data rates 5 GHz: 802.11a/n/ac: to 433 Mbps
2.4 GHz: 802.11b/g/n: to 150 Mbps

Kanały operacyjne 1 to 13 (2412~2472 MHz)
36 to 165 (5180~5825 MHz)

Pasma kanału 20, 40, 80 MHz

Security and Encryption WEP (40 or 104bit)
WPA/WPA2 Personal (TKIP, AES)
WPA/WPA2 Enterprise (TKIP/AES) -
WPA3 Personal(SAE),
WPA3 Enterprise(AES)
WPA3 Enterprise 192-bit mode(GCMP 256)
Enhanced Open(OWE)
PEAP (MSCHAPv2, GTC),
TLS, TTLS (PAP, MSCHAP, MSCHAPv2,
GTC), PWD, SIM, AKA, AKA', LEAP

Fast Roam 802.11r

Wireless PAN

Bluetooth Bluetooth Class I Ver. 5.1
BLE support

DATA CAPTURE

Integrated Barcode Reader

N3601 or N6603 1D/2D barcode scan engine

Camera

Rear 8 MP with LED flash

NFC (Near Field Communication)

(Phone SKU only)

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 MIL-STD-810G for multiple 1.5m (5ft) drops
on concrete over the operating temperature

Rain /Dust Proof (Sealing) IP65


Tumble 300 cycles at 1m / 3.3ft

Electrostatic Discharge ±15 kV air discharge
±8 kV contact discharge

REGULATORY APPROVALS AND COMPLIANCE

Certified RCM, CE, CB, WPC, BIS, KC, IC, FCC, NRCAN, IFITEL,
NOM, NBTC, CU, FAC
Environmental: RoHS III & WEEE compliant

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 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.

For more information, visit pm.epicmobile.eu or www.pointmobile.com