

# 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 1.8GHz 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

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

#### Accessories

##### Standard

- AC/DC Power Adaptor
- Country Plug
- LCD Protection Film
- USB-C cable
- Standard Battery (2,900mAh)

##### Optional

- Single Slot Cradle (opt. Ethernet)
- Single Slot Cradle for Pistol Grip or RFID reader (opt. Ethernet)
- Dual Slot Cradle
- 4 Slot Cradle
- 6 Slot Cradle
- 4 Slot Battery Charger
- Pistol Grip
- UHF RFID Reader RF750
- Extended Battery (5,800mAh)

 QUALCOMM 1.8GHz	 3GB/32GB 4GB/64GB	 ANDROID 11	 5.45" HD 720x1440	 DAYLIGHT READABLE	 GORILLA GLASS	 4G LTE WIFI	 FAST ROAMING	 BLUETOOTH CLASS 1 VER 5.1 BLE
 NFC	 IMAGER	 IP65 1.5m (5ft)	 PULS SERVICE	 EMKIT SUPPORT	 AGPS GLONASS	 2,900mAh 5,800mAh	 8MP REAR	 Push-To-Talk

## PERFORMANCE CHARACTERISTICS

### Main-Processor

Qualcomm® Octa-core @1.8GHz

### Operating System

Google Android Android 11 (upgradable)  
(CTS & GMS certified) FOTA (Firmware Over The Air) update

### Memory and Storage

RAM 3GB / 4GB (optional)  
ROM (NAND Flash) 32GB / 64GB (optional)  
Micro-SD Supports up to 512GB using ExFAT file system  
SIM 1 Nano SIM card slot

### Sensor

Proximity and Light Ambient sensor  
Acceleration sensor and Gyro  
Digital compass

## PHYSICAL CHARACTERISTICS

### Dimensions

With STD battery 78.0 x 164.8 x 15.2 mm  
With EXT battery 78.0 x 164.8 x 20.8 mm

### Weight

With STD battery 246g  
With EXT battery 299g

### 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

STD battery 3.85V, 2,900mAh Li-ion rechargeable  
EXT battery 3.85V, 5,800mAh Li-ion rechargeable

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

### Data Rates

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

### Operating Channels

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

### Channel Bandwidth

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

CCKM, 802.11r

### Wireless PAN

Bluetooth Integrated Bluetooth Class I, Ver. 5.1  
BLE support

## DATA CAPTURE

### Integrated Barcode Reader

N3601 or N6603 1D/2D barcode scan engine

### Camera

Rear 8MP with LED flash

### NFC (Near Field Communication)

NFC-Forum Reader For NFC Forum (Tag Types 1 To 5),  
(NFC-IP MODES) 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

### 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

### 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

SOTI, Airwatch, Teamviewer



### Scan2Stage

PC tool for provisioning Point Mobile  
Android devices. With Scan2Stage, IT  
administrator can prepare the settings of  
the device and make QR code for  
Scan2Set.

### EmKiosk

Kiosk application for Point Mobile  
devices. IT administrator can restrict the  
scope of the operator's system  
execution via EmKiosk to increase  
productivity and prevent distractions.

### Direct Clone

Solution for restoring the devices to the  
same settings with no internet  
connection. With Direct Clone, a Master  
PDA becomes a hotspot server and  
sends its backup file to nearby client  
devices to clone the settings.

## 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.



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](http://www.pointmobile.com) or contact your regional sales  
representative.

## WARRANTY

Subject to the Terms and Conditions, PM75 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](mailto:service@pointmobile.com)

### Corporate Headquarters

Point Mobile Co., Ltd.  
[pm\\_sales1@pointmobile.com](mailto:pm_sales1@pointmobile.com)  
+82 2 3397 7870

### NA Headquarters

Point Mobile Americas LLC  
[info@pointmobileamericas.com](mailto:info@pointmobileamericas.com)  
+1 425 780 4452

### Europe Headquarters

Point Mobile Europe GmbH  
[europe@pointmobile.com](mailto:europe@pointmobile.com)  
+49 6196 777 3666

### China Headquarters

Point Mobile China  
[info@pointmobile.com.cn](mailto:info@pointmobile.com.cn)  
+86 755 8869 1169

For more information, visit [www.pointmobile.com](http://www.pointmobile.com)

Google, Android, Google Play and other marks are trademarks of Google LLC.  
Copyright © 2006-2021 Point Mobile Co., Ltd. All rights reserved. Point Mobile Co., Ltd. is the designer and manufacturer of handheld mobile computers.  
The Point Mobile logo is a registered trademark and symbol of Point Mobile. Features and specifications are subject to change without prior notice.