

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

- 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)
- Hand Strap

Optional

- Single Slot Cradle for Pistol Grip 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
- Pistol Grip
- UHF RFID Reader RF750
- Extended Battery (5,800mAh)

 QUALCOMM 2.0GHz	 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 @2.0GHz

Operating SystemGoogle Android Android 11 (upgradeable to Android 14)
(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
3.0 x 6.5 x 0.6 in.With EXT battery 78.0 x 164.8 x 20.8 mm
3.0 x 6.5 x 0.8 in.**Weight**With STD battery 246g / 8.7oz
With EXT battery 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**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 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 802.11 a/b/g/n/ac/ax (ready)/d/h/i/k
/r/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 EncryptionWEP (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 PANBluetooth 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

Storage Temperature

-25°C to 70°C / -13°F to 158°F

Humidity

95% Non-condensing

DropMIL-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**

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.**PULS**
Patches, Updates & Lifetime SupportStay 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 FOTAFor further information, please visit
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