

PM80

Ultra Rugged Smartphone



Smart Beyond Rugged®

The pioneer with a decade of know-how

For a decade, Point Mobile has gained significant know-how in its industry by supplying a variety of enterprise rugged mobile computers. By satisfying our OEM/ODM customers, we've been able to enhance our products across the board. With this accumulated experience as a leading technology provider, we are now serving a global market with our own brand of rugged enterprise products and accessories.





| Ruggedized re-imagined

From initial design, all Point Mobile products go through high levels of durability testing. Official certification of durability is done by world-reputable testing agencies such as SGS. However, to ensure durability of products internally, we surpass the regular tests in our R&D lab and factory with every model we create.

Ultra Rugged
Smartphone
PM80



PM80 Key Features

1. Absolute performance with Quad-core processor and 2G memory

PM80 adopts Cortex A53 @ microprocessor cores up to 1.4GHz clock speed and 2G/16G for RAM/ROM.

2. GMS certified Google Android at the heart of the system

PM80 runs on Google's latest Android 5.0.2 Lollipop Operating System and it is certified by Google CTS to support all of Google's APIs, including Google Play.

3. Versatile data-input funtions; 1D/2D, NFC & MSR

PM80 comes with the latest built-in options Such as 1D/2D barcode scanners and imagers, NFC HF RFID 13.56Mhz and encrypted 3-track Magnetic Stripe Reader.

4. Remarkably rugged smartphone operates in various conditions

Top screen is protected by Corning Gorilla glass 3 from scratches and pressure and stands up to IP67, 1.5m(5ft) repeated drops to concrete.



Designed with Various
Type Of Input



Built-in 1D/2D Barcode Scanner

PM80 delivers scanning capability anywhere, with unparalleled data capture performance from its top-of-the-line 1D/2D barcode engine options.



| Convenient MSR option available

The optional 3-track magnetic stripe reader is encrypted, securing data from unauthorized access or possible counterfeit.

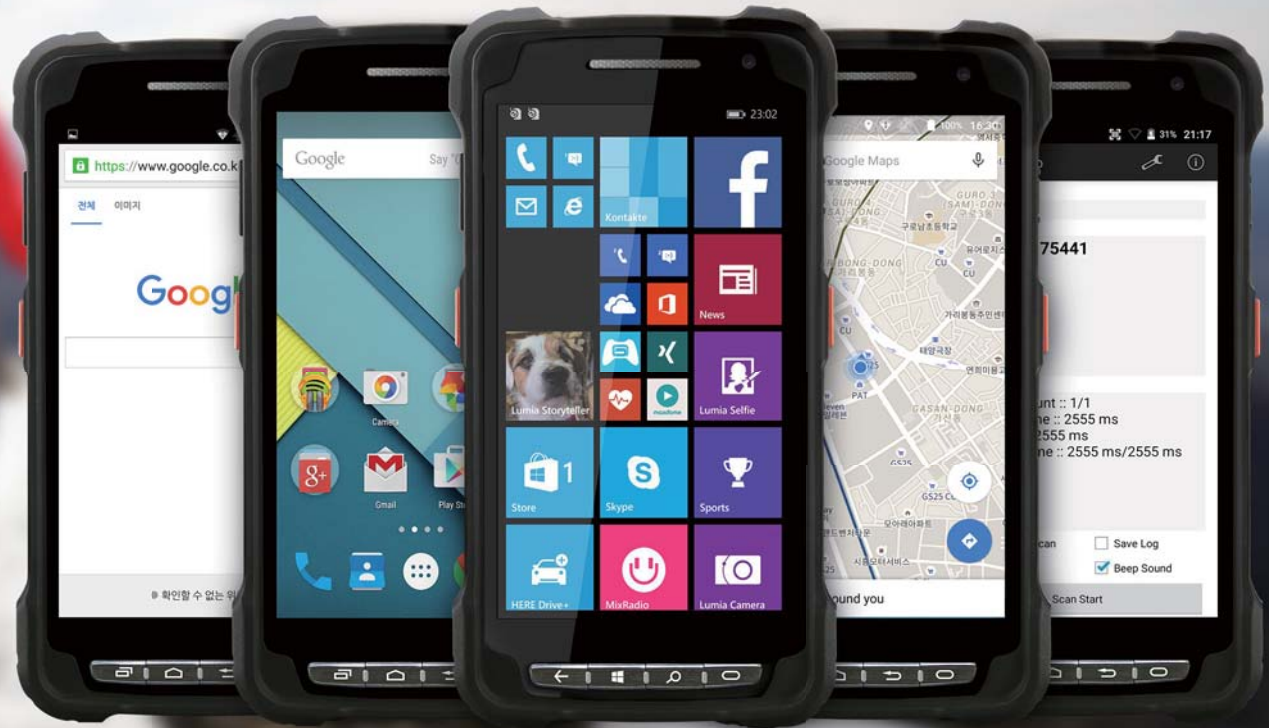




| Payment by NFC with Secure Access Module

The PM80 is capable of mobile electronic payment processing by P2P NFC HF RFID 13.56Mhz with 1 SAM slot.

Usability & Functionality



Useful functionality to end users



| **PM80hc does its part for the medical and healthcare industry**

With all above features, The PM80 is committed to healthcare data collection and communication workflows that enhance patient safety and quality of care.



| **Optimized touch-screen for use with light-duty**

PM80 supports screen interaction with gloves and optimal waterproof durability.



| **Using suitable resin in medical field.**

PM80hc adopts resin which is strongly protective from alcohol corrosion. It has been tested and approved with 4type of different cleaner such as PDI Super Sani-Wipes, PDI Sani-Cloth Plus, Metrex Caviwipes, and Clorox Dispatch with Bleach.



Sleek, yet Rugged Durability



Durability for use in demanding environment



| Corning Gorilla Glass 3, for the toughest scratch & shock resistance

To be used in a harsh environment safely and reliably, the PM80's screen is protected by Corning Gorilla Glass 3.

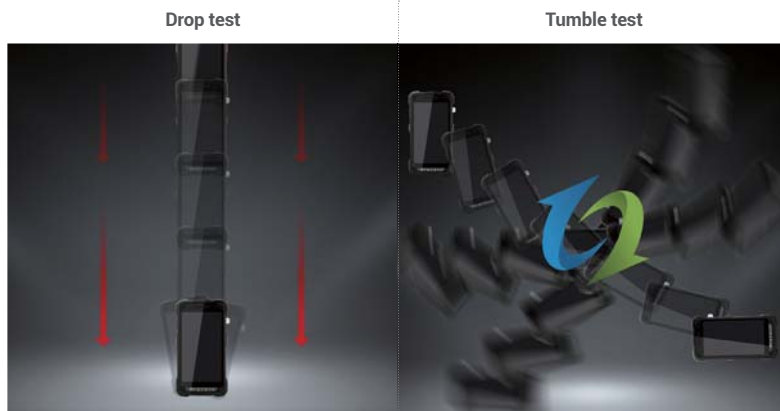
| Substantial housing from 1.5m(5ft) drops to concrete

The PM80 delivers reliable operation, even after multiple 5 ft./1.5 m drops to steel and 1,000 consecutive 3.2 ft.

1m tumbles in our punishing tumble test. 500 times /1 m tumbles per IEC 60068-2-32

| IP67

With IP67 sealing, the PM80 is dust-tight and can survive and operate completely immersed in 1m of water for up to 30 minutes.



Technical Expandability



Powerful Qualcomm Snapdragon will free your work

Qualcomm's Snapdragon MSM8916 processor is a market-proven AP(Application Processor) which has Quad-Core with up to 1.4GHz clock speed. It is truly SoC(System on a Chip) having 4G LTE, Wireless LAN, Bluetooth, S-GPS and Camera bus interface.



Powerful Wireless 4G LTE & IEEE 802.11 a/b/g/n

Completely tuned for Enterprise work-forces; smooth hand-over between WWAN and WLAN eachother, seamless roaming among many routers & access points in a harsh working environment.



Supports up to 2G RAM & 16GB Nand Flash ROM

The PM80 delivers great performance on managing Android OS with suitable memory & storage within industrial applications.

Technical Specifications

Model	PM80
Operating System	Google Android 5.0.2 Lollipop (CTS & GMS is certified) Windows 10 IoT Mobile Enterprise (Q3 2016)
Micro-Processor	Qualcomm Snapdragon up to 1.4GHz Quad-core
Display	5.0 in, IPS panel, 720 x 1280 pixel (HD) Corning Gorilla Glass 3, Daylight readable, Wide viewing angle, Capacitive touch, Anti-raindrop
Dimension	156 L x 82 W x 21 D mm / 6.1" L x 3.2" W x 0.8" D (Without MSR) 156 L x 82 W x 22 D mm / 6.1" L x 3.2" W x 0.9" D (With MSR)
Weight	279g / 9.8oz(Without MSR) , 293g / 10oz(With MSR) including battery
Memory	RAM : 1GB (Wifi) / 2GB (Phone) ROM : 8GB (Wifi) / 16GB (Phone) NAND Flash User-accessible micro-SD cards up to 32GB SDHC
Battery Power	Standard Battery Pack: 3.7V, 3,000mAh, 11.4 Wh Extended Battery Pack: 3.7V, 4,000mAh, 15.2 Wh
Wireless LAN	IEEE 802.11 a/b/g/n Data rates: up to 150 Mbps
Scan	1D/2D Imager Scanner
Keypad Options	4 physical keys (Recent Apps, Home, Back & Programmable)
Rain & Dust Proof	IP67
Sensors	Gyroscope & Accelerometer, Light Sensor, Proximity



Accessories

AC/DC Power Adaptor

Charge the device using AC adaptor (5V,2A)



Battery (3,000/4,000mAh)

Full charge time in approximately 4 hours



Stylus Pen And Tether

Capacitive Stylus pen & tether



Wrist Landyard

Optional lanyard for hands-free



LCD Protection Film

Scratch protection attaches easily to the screen



I/O sync connector

Charge devices or battery and supports full-speed USB 2.0 with a workstation.



Single-Slot Cradle

Charge battery and devices at once & data link with full-speed USB 2.0 cable



4-Slot Battery Charger

Charge up to four Li-ion battery packs



4-Slot Cradle

Charge up to four devices at the same time



Bumper with Handstrap

Protects device from the drop and support handstrap



Industry-Applications



Retail



Manufacturing



Health Care



Warehouse



Field Service



Logistics

The PM80 - The handiest mobile computer designed for "what users need most". Tons of functionality, balanced with affordability and perfectly suited to indoor and outdoor applications in mature and growing industries.

Point Mobile Product Collection

Scanning Intensive Handheld Computers



PM100



PM200



PM250/251



PM255



PM260



PM350/351



IU9060



PM450

Enterprise Mobile Computers & Healthcare Terminal



PM40



PM50



PM60



PM80



PM250/251 Bio



PM80hc

POS & Bluetooth Scanner



PM600



PM650



PM3



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