

PM80hc

ULTRA RUGGED MOBILE COMPUTER FOR HEALTHCARE

PM80hc for the medical and healthcare industry

With all features of PM80, PM80hc is committed to healthcare data collection and communication workflows that enhance patient safety and quality of care. Moreover, the PM80hc adopts resin which protects the device from alcohol corrosion. It has been tested and approved with four different types of cleaners such as PDI Super Sani-Wipes, PDI Sani-Cloth Plus, Metrex Caviwipes, and Clorox Dispatch with Bleach. Clean your device frequently without worry of device deterioration.

Powerful Qualcomm Snapdragon for painless multi-tasking

Qualcomm's Snapdragon MSM8916 Quad-Core processor is a market-proven AP(Application Processor) with a 1.2GHz clock speed. It is a truly SoC(System on a Chip) having 4G LTE, Wireless LAN, Bluetooth, S-GPS for the uninterrupted workflow and increased productivity.

Google Android 6.0.1 Marshmallow is the heart of the system

PM80hc runs on Google's latest Android 6.0.1 Marshmallow Operating System, and it is certified by Google Mobile Services (GMS) to support all Google official API including Google Play and Google Maps.

Wider & Brighter IPS display provides better visibility

PM80hc adopts a 5.0" IPS panel TFT-LCD with capacitive, and it supports a wide-viewing angle and daylight readability. No medical personnel has to worry about having latex gloves on while managing the device. The display supports glove touch for healthcare professionals to carry out necessary tasks freely, with or without gloves. For maximum durability, the Corning Gorilla Glass 3 is used to protect the screen.

Frequently used 4 "HARD" keys towards healthcare workforces

Most of Enterprise EDA in the market adopts capacitive-based touch button even for the most commonly used Recent App, Home, Back button. Not every professional prefers to use a Stylus pen for day to day tasks. PM80hc features four hard keys: Home, Menu, Back button and a user assignable key for improved productivity.

Powerful wireless for uninterrupted access to vital patient information

The PM80hc supports smooth hand-over between WWAN and WLAN, fast roaming among many routers & access points as seamless connectivity and speed is critical for healthcare professionals to access patient information. PM80hc is a truly hybrid mobile computer, having the design and the usability of a commercial smartphone with the perfect features for the demanding healthcare environment.



 Qualcomm	 2GB / 16GB	 ANDROID 6.0.1	 5.0" HD 720x1280	 DAYLIGHT READABLE	 GORILLA GLASS	 4G LTE	 802.11 a/b/g/n/ d/h/l/k/r/v	 FAST ROAMING
 NFC	 IMAGER	 8M REAR 2M FRONT	 BLUETOOTH	 Built-in GPS	 3000mAh 4000mAh	 IP65	 1.2M(4ft)	 KIT SUPPORT

PM80hc

PHYSICAL CHARACTERISTICS

Dimensions

With MSR	156mm L x 82mm W x 22mm D 6.1in L x 3.2in W x 0.9 in D
Without MSR	156mm L x 82mm W x 21mm D 6.1 in. L x 3.2 in. W x 0.8 in D

Weight

With MSR	293g / 10oz
Without MSR	279g / 9.8oz

Display

5.0", IPS panel (720 x 1280 pixel) HD
Multi-touch capacitive Corning Gorilla glass
Daylight readable (500 nits typical)
Wideviewing angle
Anti-raindrop

Power

Standard Battery	3,000mAh Li-ion rechargeable
Extended Battery	4,000mAh Li-ion rechargeable

Keypad

4 physical keys
(Recent Apps, Home, Back & Programmable)

Audio Support

Supports VoIP
Two built-in microphones (Noise-cancelling)
Speaker
Receiver and headset jack (3.5mm)
Wireless Bluetooth headset support

Standard Communications

High speed USB 2.0 from either cradle or USB direct sync cable

Notification

Front	2 x dual color LEDs for Power, Warning, & Scan reading
Scan Alert	Vibration

PERFORMANCE CHARACTERISTICS

Main-Processor

Qualcomm MSM8916 @ 1.2GHz Quad-core APQ8016

Operating System

Google Android 6.0.1 Marshmallow
(CTS & GMS is certified) FOTA (Firmware Over The Air) update is available via MS Azure™ Cloud

Memory and Storage

RAM	2GB
ROM	16GB
NAND Flash	Slot
Micro-SD	Micro-SD card slot supports up to 32GB SDHC

Sensor

Gyroscope, Accelerometer, Light Sensor
Proximity Sensor

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 1.2m (4ft)

Rain / Dust Proof (Sealing) IP65

Tumble 500 cycle (1000hits) at 1m / 3.3ft

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

DATA CAPTURE

NFC (Near Field Communication)

P2P NFC with 1 SAM slot (13.56MHz HF RFID)
Supported TAG-ICs : MIFARE® 1k/4k/Plus, MIFARE UltraLight, MIFARE UltraLight C, MIFARE DESFire, MIFARE DESFire EV1, ISO 14443 A & B

Camera

Rear	8.0MP with LED flash
Front	2.0MP

Integrated Barcode Reader

1D/2D Imager All 1D/2D standard symbology including GS1 databar

Magnetic Stripe Reader (Optional)

MSR / IC combo reader
ANSI / ISO7813 standard

GLOBAL POSITIONING SYSTEM

GPS

Integrated GPS, GLONASS and BeiDou.
Simultaneous-GNSS and Standalone-GNSS without WAN

WIRELESS

Wireless WAN

EDGE/GPRS/GSM	900/1800
WCDMA	B1/2/5/6/8/19
LTE FDD	B1/2/3/4/5/7/8/17/20
LTE TDD	B40/41

Wireless LAN

Radio	IEEE 802.11a/b/g/n/d/h/i/k/r/v, IPv4, IPv6, 1X1 SISO
Data Rates	IEEE 802.11a/n: Up to 150 Mbps; IEEE 802.11b/g/n: Up to 72.2 Mbps
Operating Channels	1 to 13 (2412~2472MHz), 36 to 165 (5180~5825MHz)
Channel Bandwidth	20, 40 MHz

Security and Encryption WEP(40 or 104bit), WPA/WPA2 Personal (TKIP, AES); WPA/WPA2 Enterprise (TKIP/AES) - PEAP(MSCHAPv2, GTC), TLS, TTLS(PAP, MSCHAP, MSCHAPv2, GTC), PWD, SIM, AKA, AKA', FAST(MSCHAPv2, GTC), LEAP

Fast Roam PMKID Caching: Cisco CCKM, 802.11r

Wireless PAN

Bluetooth Channels	Integrated Bluetooth Class II, Ver. 4.1+EDR/LE 0 to 78 (2402-2480MHz)
Data Rates	1, 2, 3Mbps

REGULATORY APPROVALS AND COMPLIANCE

Certified CE & GCF, FCC & PTCRB (GCF test report), IC, ANATEL, CCC & SRRC & NAL, KC, TELEC & JATE, CB,RCM
Environmental: RoHS II & WEEE compliant

ENTERPRISE SOLUTION

SOTI, Airwatch, Teamviewer



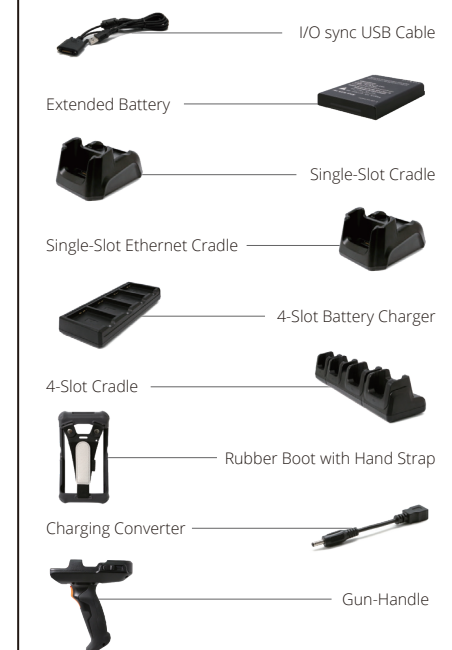
- Power Launcher** Kiosk mode with system restriction
Allows admin to restrict operator's access to system settings, MTP connection and screen capture
- Direct Clone** Master PDA becomes a local server for a nearby Point Mobile device to automatically communicate and download/restore backup files
- Scan2Set** Unique two-step feature for Point Mobile Android models that enables the fastest device deployment right out of the box

ACCESSORIES

Standard Accessories



Optional Accessories



B-9F Kabul Great Valley, 32, Digital-Ro 9 Gil, Geumcheon-Gu, Seoul, Korea 08512
www.pointmobile.co.kr T +82 2 3397 7870~1 F +82 2 3397 7872

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