

# PM30hc

## SLIM AND SAFE MOBILE COMPUTER FOR THE HEALTHCARE MARKET

### Safe-to-use in medical and healthcare industry

To reduce the risk of bacterial or viral infection, smart devices used in the medical field need to be germ-free all the time. That is why PM30hc adopts synthetic resin as housing material, which protects the device from frequent exposing to disinfectant solutions. The housing has been tested with four different types of cleaners: PDI Super Sani-Wipes, PDI Sani-Cloth Plus, Metrex Caviwipes, and Clorox dispatch with bleach, all of which PM30hc endured from deterioration.

### Powerful processor for the much-needed productivity

Medical and healthcare professions require intensive training, and a lot of medical facilities often lack the number of qualified people to work. Consequently, increasing productivity has always been important in this industry. PM30hc, equipped with the 2.2GHz octa-core processor and 4GB RAM/64GB ROM, demonstrates fast data processing and runs Android 10 seamlessly, which is one of the most productive operating systems. The accurate and fast 1D/2D scan engine makes it easy to manage patients information and high-cost medical equipment. The PM30hc also supports PTT (Push-To-Talk), through which all the workers on shift can receive instant alert and information in case of a medical emergency.

### Use it confidently even in harshest environments

Designed to master rough tasks, PM30hc is water and dust proof (IP67) and withstands multiple drops from 1.5m to concrete (MIL-STD 810G) at room temperature. The display is covered by Corning Gorilla Glass for optimal protection against impacts and scratches.



PM30hc is made for the convenience and safety of:

- Nurses**
- Doctors**
- Lab technicians**
- Pharmacy**
- Phlebotomists**

### Industries

Healthcare

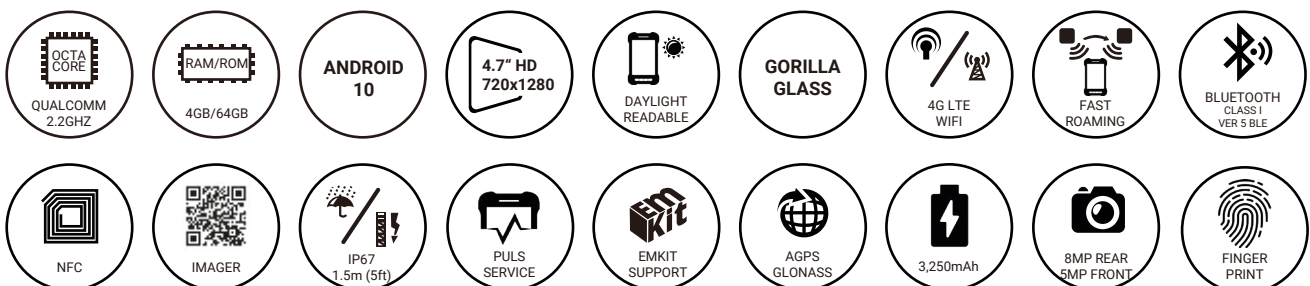
### Accessories

#### Standard

- AC/DC Power Adaptor
- Country Plug
- LCD Protection Film
- USB-C cable

#### Optional

- Dual Slot Cradle
- \*Connect up to 3 Dual Slot Cradles to charge up to 6 devices at a time
- UHF RFID Reader RF300
- Pistol Grip
- Single Slot Cradle
- Wireless Charging Pad
- Extra Battery Case PMBooster™ (3,250mAh)
- Protective Case



## PERFORMANCE CHARACTERISTICS

### Main-Processor

Qualcomm® Snapdragon, 660 Octa-core, 2.2GHz

### Operating System

Google Android Android 10 (upgradeable to Android 14)  
(CTS & GMS certified) FOTA (Firmware Over The Air) update

### Memory and Storage

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

### Sensor

Proximity sensor  
Light ambient sensor  
Acceleration sensor  
Gyro and Digital compass

## PHYSICAL CHARACTERISTICS

### Dimensions

With batt. 142.5 mm L x 70.8 mm W x 10.85 mm D  
5.61 in. L x 2.78 in. W x 0.42 in D

### Weight

With batt. 165g (5.8oz)

### Display

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

### Power

4.4V, 3,250mAh Li-ion non-removable

### Wireless Charging

Wireless charging pad (Optional)  
Complying with WPC standard Qi  
Using inductive charging technology

### Keypad

Front Recent Apps, Home & Back  
Right Function & Power  
Left Function & Volume, Up/Down

### Voice and Audio

Two built-in microphones (noise-cancelling)  
Speaker, max 1W  
Receiver  
Bluetooth headset support  
PTT support

### Standard Communications

USB2.0 OTG

## GLOBAL POSITIONING SYSTEM

### GPS

WiFi SKU : No GPS  
Phone SKU : Qualcomm GPS  
GNSS Receiver Support for GPS, GLONASS, Galileo and Beidou

## 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  
LTE TDD B38/B39/B40/41

### Wireless LAN

Radio IEEE 802.11a/b/g/n/ac/d/h/i/k/r/v  
1x1 SISO(Phone SKU)  
Data Rates 5GHz: 802.11a/n/ac: Up to 433 Mbps  
2.4GHz: 802.11b/g/n: Up to 150 Mbps

### 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(AES),  
WPA3 Enterprise(AES)  
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. 5.0  
BLE support

## DATA CAPTURE

### Integrated Barcode Reader

Ultra slim 1D/2D barcode scan engine

### Camera

Rear 8MP with LED flash  
Front 5MP

### 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

### Biometrics

Optical Fingerprint sensor integrated  
on the back side of device

## USER ENVIRONMENT

### Operating Temperature

-10°C to 50°C / 14°F to 122°F

### Storage Temperature

-25°C to 70°C / -13°F to 158°F

### Humidity

95% Non-condensing

### Drop

MIL-STD 810G for 1.5m (5ft) to concrete at  
room temperature

### Rain / Dust Proof (Sealing)

IP67

### Hazard Prevention

Corrosion resistant to various types of  
disinfectant including chlorine or 70%  
alcohol solutions

### Electrostatic Discharge

±15 kV air discharge  
±8 kV direct discharge

## REGULATORY APPROVALS AND COMPLIANCE

Certified CE, CB, RCM, KC, IC, FCC, CEC, 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, PM30hc carries 1 (one)  
year-warranty period from the date of purchase against the  
defective materials and manufacturing defects.  
Point Special and Premium Care service is recommended.

For further inquiries, please contact:  
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