

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

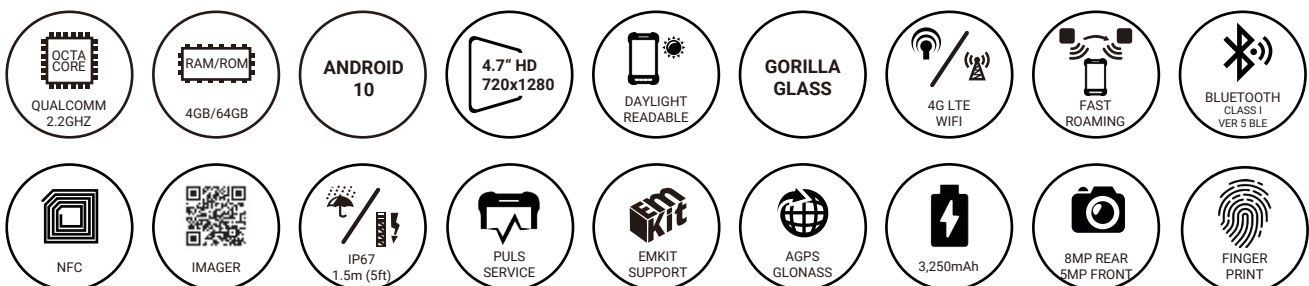
Accessories

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 (upgradable to newer version)
(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 Communcation)

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



EmKit

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 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 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.

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