POINT Mobile

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.

Safe to clean
Alcohol & ethanol resistant housing

PM30hc is made for the convenience and safety of:

Nurses
Doctors
Lab technicians
Pharmacy
Phlebotomists
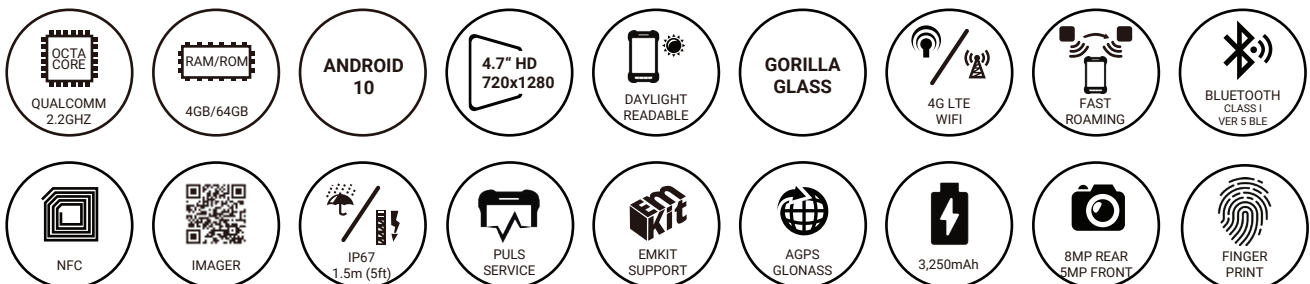
Industries

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

OCTA CORE — QUALCOMM 2.2GHZ	RAM/ROM — 4GB/64GB	ANDROID 10
4.7" HD 720x1280	DAYLIGHT READABLE	GORILLA GLASS
4G LTE WIFI	FAST ROAMING	BLUETOOTH CLASS I VER 5 BLE
NFC	IMAGER	IP67 1.5m (5ft)
PULS SERVICE	EMKIT SUPPORT	AGPS GLONASS
3,250mAh	8MP REAR 5MP FRONT	FINGER PRINT

PM30hc

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PERFORMANCE CHARACTERISTICS

Main-Processor

Qualcomm® Snapdragon, 660 Octa-core, 2.2GHz

Operating System

Google Android (CTS & GMS certified)	Android 10 (upgradable to newer version) 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(SAE), 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 (NFC-IP MODES)	Reader For NFC Forum (Tag Types 1 To 5), 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.

For further inquiries, please contact:
service@pointmobile.com

For more information, visit www.pointmobile.com