

PM70

POCKET-SIZED ENTERPRISE RUGGED SMARTPHONE

Powerful Qualcomm Snapdragon will empower your work

Qualcomm's Snapdragon MSM8916 processor is a market-proven AP(Application Processor) which has Quad-Core with up to 1.2GHz clock speed. It is truly SoC(System on a Chip) having 4G LTE, Wireless LAN, Bluetooth, S-GPS and Camera bus interface.

Google Android 6.0.1 Marshmallow is the heart of system

PM70 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

PM70 adopts 4.3" IPS panel TFT-LCD with capacitive touch screen and it supports wide-viewing angle and daylight readability in order to maximize the best performance in the outfield. To support harsh environment, top of screen is protected Corning Gorilla Glass 3 tempered glass.

Frequently-using Android "HARD" keys towards field-work-forces

Most of Enterprise rugged phones in the market adopt a touch-based key button, even for Recent App, Home, Back button. Not every user wearing gloves prefers to use a stylus pen in the field, PM70 comes with "hard" laser-cut keys – to ease to press it firmly.



Powerful Wireless; 4G LTE & IEEE 802.11 a/b/g/n/d/h/i/r and Bluetooth 4.1 LE

As of Enterprise mobility purposes, PM70 is completely tuned for Enterprise work-forces; smooth hand-over between WWAN and WLAN each other, seamless roaming among many routers & access points in the harsh working environment, because Enterprise users prior seamless connectivity to speed. PM70's 4G LTE category 4 is truly designed for covering all worldwide including United States and Europe. Newest Bluetooth Low Energy supports dramatic low power consumption and 3x faster speed than previous Bluetooth version, which specification is getting more critical at location-based solutions like Beacon.

Compact pocket-sized but yet still rugged design

PM70 is designed not only for Line-of-Business workers but also white-color businessmen, therefore, compact-sized but adopts latest 1D/2D barcode scanners and replaceable & hot-swap supporting 3,000mAh battery. To be survived and to be used for long time in outfield, PM70 is sealed completely to be submerged for 30minutes at 1meter-depth water, and is shock-proof with Gorilla Glass 3 and 1.2m(4ft) multiple drop-resistant.

 Qualcomm	 2GB / 16GB	 ANDROID 6.0.1	 WVGA 800X480	 DAYLIGHT READABLE	 GORILLA GLASS	 4G LTE	 802.11 a/b/g/n	 FAST ROAMING
 NFC	 IMAGER	 13MP REAR 2MP FRONT	 BLUETOOTH	 Built-in GPS	 3000mAh	 IP65	 1.2M(4ft)	 SUPPORT

PM70

PHYSICAL CHARACTERISTICS

Dimensions

With standard batt. 136 mm L x 70mm W x 17.4mm D
5.35 in. L x 2.76 in. W x 0.69 in D

Weight

With standard batt. 213g (7.5oz)

Display

4.3", IPS panel (480 x 800 pixel) WVGA
Exceptionally bright
Daylight readable (500 nits typical)

Touch Panel

Multi-touch capacitive
Optically bonded with Corning Gorilla
glass® for strong and rugged durability
Wet touch
Glove touch

Power

3.8V, 3,000mAh Li-ion rechargeable
UN38.3 certificate, UL2054/UL1642,
IEC62133 KC/PSE
Supports micro USB charging

Wireless Charging

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

Keypad

3 hard keys (Recent, Home & Back)

Audio Support

Support 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
cradle and Micro-USB port

Notification

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

PERFORMANCE CHARACTERISTICS

Main-Processor

Qualcomm MSM8916 @ 1.2GHz Quad-core

Operating System

Google Android 6.0.1 Marshmallow
(CTS & GMS certified)

Memory and Storage

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

Sensor

Proximity sensor
Light ambient sensor
Acceleration sensor
Gyro and Digital compass

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 Multiple 1.2m(4 ft) drops to steel
at room temperature

Rain / Dust Proof (Sealing) IP65

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

DATA CAPTURE

Integrated Barcode Reader

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

Camera

Rear 13MP AF with LED flash
Front 2.0MP fixed focus

NFC (Near Field Communication)

ISO14443A, ISO14443B & ISO15693
are supportive, 13.56MHz HF
*Supported TAG-ICs:
MIFARE® 1k, MIFARE 4k, MIFARE Plus,
MIFARE UltraLight, MIFARE UltraLight C,
MIFARE DESFire, MIFARE DESFire EV1,
ISO 14443A/B tags,

GLOBAL POSITIONING SYSTEM

GPS

12 channel integrated GPS:
Assisted via WAN carrier, Support GLONASS

WIRELESS

Wireless WAN

4G LTE (B1,2,3,5,7,8,17,20,40,41)
3G UMTS/HSDPA/HSUPA/HSPA/HSPA+
(B1/2/5/6/8/19)
2G GSM/GPRS/EDGE (900/1800 MHz)

Wireless LAN

Radio IEEE 802.11a/b/g/n/d/h/v/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 I, Ver. 4.1
0 to 78 (2402-2480MHz)
Data Rates 1, 2, 3Mbps

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



AC/DC Power Adaptor



Country Plug

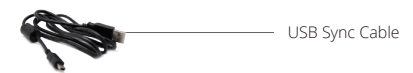


Standard Battery



LCD Protection Film

Optional Accessories



USB Sync Cable



Wireless Charging Pad



Single-Slot Cradle



Single-Slot Ethernet Cradle



4-Slot Battery Charger



4-Slot Cradle



Jelly Case



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