

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 866.7 Mbps
(Up to 433 Mbps for Phone SKU)
2.4GHz: 802.11b/g/n: Up to 300 Mbps
(Up to 150 Mbps for Phone SKU)

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)
WPA3 Enterprise 192-bit mode(GCMP 256)
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 (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



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 or contact your regional sales representative.

WARRANTY

Subject to the Terms and Conditions, PM30 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 the further inquiry, please contact: service@pointmobile.com

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