

# PM95

## PERFORMANCE CHARACTERISTICS

### Main processor

Octa-core @ 2.4 GHz

### Operating system

Google Android (GMS & AOSP) Android 13 (upgradable to Android 18) FOTA (Firmware Over The Air) update

### Memory and storage

RAM/ROM 6 GB/64 GB (UFS) or 8 GB/128 GB (UFS)  
micro SD Supports up to 512 GB using ExFAT file system  
SIM 1 nano SIM and eSIM

### Sensor

Proximity sensor, Light ambient sensor, Accelerometer, Gyro sensor, Digital compass, SAR sensor, Barometer sensor

## PHYSICAL CHARACTERISTICS

**Dimensions** 164.8 x 78 x 17.1 mm  
6.5 x 3.1 x 0.7 in.

**Weight** 283 g/10 oz.

**Display** 6" (1080 x 2160 pixels), FHD+ LED backlight  
Daylight readable (500 nits, typical)  
Multi-touch capacitive  
Corning Gorilla Glass

### Power

Standard battery 4,830 mAh Li-ion rechargeable  
Extended battery 7,000 mAh Li-ion rechargeable  
Back-up battery 95 mAh 3.7 V (10C), Enterprise Hot-Swap

### Key & Buttons

Right PTT, Scan  
Left Power, Scan, Volume  
Top Emergency

### Voice & Audio

3 microphones (noise-cancelling)  
Receiver (T3/M3 HAC-compliant)  
PTT support  
Headset Jack (3.5mm)  
Bluetooth® wireless headset support  
2 speakers (100 ± 3 dB, Max. 3W, SmartPA support)

### Standard communications

15W USB 3.0 Type-C, QC3 support  
POGO 2 pin  
POGO 5 pin in rear

### Notification

2 x Dual LEDs for power (R/G) and warning (R/B),  
Vibration, Beep

## GLOBAL NAVIGATION SATELLITE SYSTEM

WLAN SKU: No GNSS

WWAN SKU: Qualcomm GNSS receiver support for GPS (A-GPS) GLONASS, Galileo, Beidou, and QZSS

## WIRELESS

### Wireless WAN (5G/4G/3G/2G)

5G NR Sub6 n1/2/3/5/7/8/12/13/14/20/25/26/28/29/  
NSA and SA 30/38/40/41/48/66/71/77/78/79  
Sub-6 CA, FDD+FDD, FDD+TDD 2CA  
DL 4x4 MIMO n1/2/3/7/25/30/38/40/41/  
48/66/77/78/79  
4G LTE B1/2/3/4/5/7/8/12/13/14/17/18/19/20/  
25/26/28/29/30/38/39/40/41/42/43/  
46(LAA)/48/66/71  
DL 4x4 MIMO B1/2/3/4/7/25/30/38/40/41/  
42/43/48/66  
Support 4CA

### Wireless LAN

**Radio** IEEE 802.11 a/b/g/n/ac/ax/d/h/i/k/r/v  
CCX v4 supported  
WiFi Direct and Hot spot support  
2x2 MU-MIMO  
Wi-Fi 6E, DBS

**Data rates** 6GHz: 802.11ax: up to 2402 Mbps  
5 GHz: 802.11 a/n/ac/ax: up to 2042 Mbps  
2.4 GHz: 802.11 b/g/n/ax up to 286.8 Mbps

**Operating channels** 1 to 13 (2412~2472 MHz)  
36 to 165 (5180~5825 MHz)  
1 to 233 (5955~7115 MHz)

**Channel bandwidth** 20, 40, 80, 160 MHz

**Security and encryption** WEP / WPA / WPA2 / WPA3 / WEP, RC4  
Algorithm / TKIP, RC4 Algorithm / AES,  
Rijndael Algorithm, EAP-FAST / EAP-TLS /  
EAP-TTLS / PEAP-GTC / PEAP-MSCHAPv2 /  
PEAP-TLS / LEAP

**Fast Roam** CCKM, 802.11r

### Wireless PAN

**Bluetooth** Class I (opt. Class 2), ver. 5.X, BLE support  
Beacon

## DATA CAPTURE

### Scan engine

Supporting 1D/2D barcode symbologies

### Camera

**Rear** 16 MP, LED flash, F. No. 2.0,  
Phase Detection Auto Focus (PDAF)

**Front** 5 MP

### 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, EMV contactless level 1 and 2 certified

## 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** 1.8 m (6 ft.) with Rugged Boot and  
1.5 m (5 ft.) without, multiple drops to  
concrete across the operating temperature  
range, MIL-STD-810H

**Tumble** 500 cycles, 1 m (3.3 ft.) tumbles per  
IEC 60068-2-32 specification

**Rain/dust proof (Sealing)** IP68 and IP65

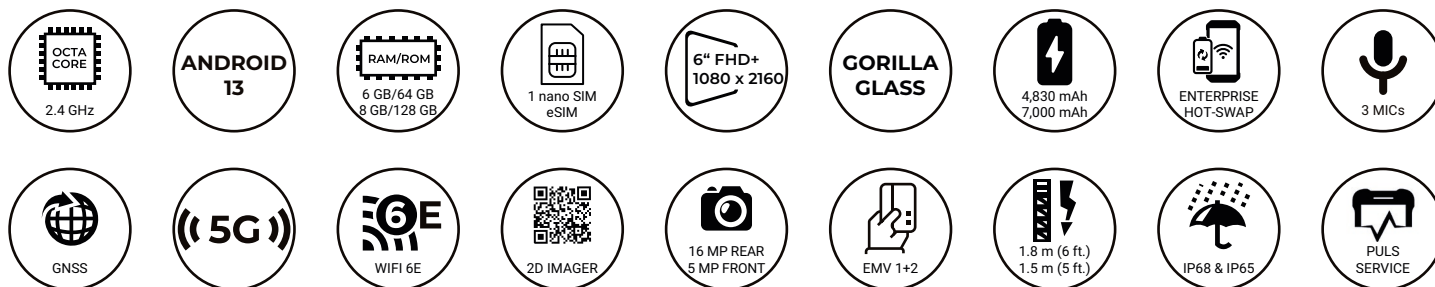
**Electrostatic discharge** ± 15 kV air discharge  
± 8 kV contact discharge

## REGULATORY APPROVALS AND COMPLIANCE

RCM, CE/CB, KC, FCC, UKCA, NBTC, CITC, RoHS, WEEE, REACH

## ACCESSORIES

Single Slot Cradle (opt. Ethernet), 4-Slot Battery Charger,  
Gun Handle, UHF RFID Reader, Rugged Boot



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