

PM68

PERFORMANCE CHARACTERISTICS

Main processor

Octa-core @ 2.0 GHz

Operating system

Google Android Android 15 (upgradable to Android 18)*
(GMS & AOSP)

Memory and storage

RAM 4 GB or 6GB
Flash 64 GB
micro SD Supports up to 512 GB using ExFAT file system
SIM 1 nano SIM

Sensor

Proximity sensor
Light ambient sensor
Accelerometer
Gyro sensor
Digital compass

PHYSICAL CHARACTERISTICS

Dimensions 160.0 x 71.0 x 20.0 mm
6.3 x 2.8 x 0.8 in.

Display 4.0" TFT display (480 x 800 pixels), WVGA
LED backlight
500 nits typical
Wideviewing angle
Multi-touch capacitive

Power

Standard battery 4,150 mAh typical, 3.8 V
(single cell with integrated back cover)
Back-up battery 60 mAh, 3.7 V (10C), Hot-Swap

Keys and buttons

Keypad Numeric, backlight
Right Scan
Left Scan, volumes
Top-right Power

Voice and audio

Dual microphones
Receiver
Speaker (93±3 dB)

Standard communications USB 2.0 Type-C/OTG
POGO 5 pin (rear)
POGO 8 pin (bottom)

Notification

2 x dual LEDs on front: power (R/G),
warning (R/B)
Vibration

GLOBAL NAVIGATION SATELLITE SYSTEM

WLAN SKU No GNSS
WWAN SKU GNSS receiver for GPS, GLONASS, Galileo,
and Beidou

WIRELESS

Wireless WAN

EDGE/GPRS/GSM 900/1800
WCDMA B1/2/5/6/8/19
LTE FDD B1/2/3/5/7/8/17/20
LTE TDD B40/41

Wireless LAN

Radio IEEE 802.11 a/b/g/n/ac/d/h/i/k/r/v,
Wi-Fi Direct and Hot Spot support,
1x1 MU-MIMO

Security and Encryption WEP / WPA / WPA2 / WEP / TKIP / AES
EAP-TLS / EAP-TTLS / PEAP-GTC /
PEAP-MSCHAPv2 / WPA3 personal / WPA
enterprise / Enhanced open (OWE)

Wireless PAN

Bluetooth Class II, ver. 5.2
BLE support

DATA CAPTURE

Integrated scan engines

Three 1D/2D scan engine options

Camera

Rear, 13 MP, F. No. 2.0, Auto Focus,
LED flash

NFC (Near Field Communication)

NFC-Forum Reader for NFC Forum (Tag Types 1 to 5)
(NFC-IP Modes)
Reader ISO/IEC 14443 A, ISO/IEC 14443 B, ISO/IEC
(PCD – VCD) 15693, Mifare Classic 1K/4K, Mifare
DESFire, Mifare UltraLight®, Sony FeliCa

USER ENVIRONMENT

Operating temperature -20 °C to 50 or 60 °C**
-4 °F to 122 or 140 °F**

Storage temperature -25 °C to 70 °C
-13 °F to 158 °F

Humidity 95% non-condensing

Drop 1.5 m (5 ft.) multiple drops to concrete
surface across the operating temperature
range, MIL-STD 810H

Tumble 500 cycles (1,000 hits), 1.0 m (3.3 ft.),
meeting and exceeding the IEC 60068-2-
31:2008 specification

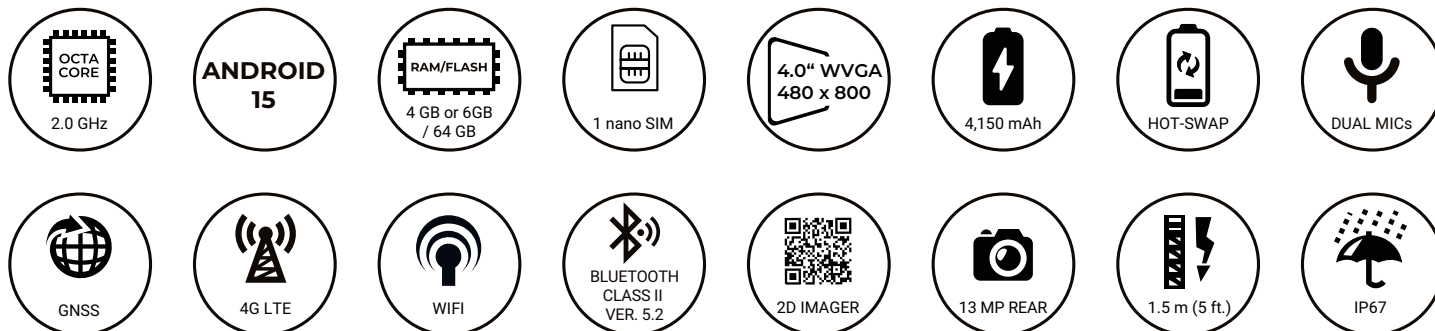
Rain/dust proof (Sealing) IP67

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



* The Android version may vary based on the mobile processor product roadmap. The upgradable version is subject to change on the manufacturer's policy and condition.

** The highest point of the operating temperature range varies depending on the scan engine.



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