

PM68



PERFORMANCE CHARACTERISTICS

Main processor	
Octa-core @ 2.0 GHz	
Operating system	
Google Android (GMS & AOSP)	Android 15 (upgradable to Android 18)*
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
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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 (NFC-IP Modes)	Reader for NFC Forum (Tag Types 1 to 5)
Reader (PCD – VCD)	ISO/IEC 14443 A, ISO/IEC 14443 B, ISO/IEC 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 upgradeable 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.

OCTA CORE
2.0 GHz

ANDROID
15

RAM/FLASH
4 GB or 6GB / 64 GB

1 nano SIM

4.0" WVGA
480 x 800

4,150 mAh

HOT-SWAP

DUAL MICs

GNSS

4G LTE

WIFI

BLUETOOTH
CLASS II
VER. 5.2

2D IMAGER

13 MP REAR

1.5 m (5 ft.)

IP67

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