

## Physical & Performance Characteristics

Dimensions(L x W x H)	208 x 220 x 30.5 mm
Display	8-inch IPS LTPS 1280x800
Battery	3.7 V/10000 mAh, removable battery
Expansion Slot	1 x micro SD card, 1 x micro SIM card, 1 x nano SIM card, 2 x SAM card (optional)
Interfaces	1 x Type-C, 1 x 3.5 mm audio jack, 2 x USB3.0 Host, 1 x mini HDMI, 1 x RJ45
Audio	Speaker, microphone
Keypad	1 function key, 1 volume+ key, 1 volume- key, 1 power key
Sensors	Ambient light, gyroscope, accelerometer, electronic compass
CPU	Qualcomm Octa-core 1.8GHz or above
OS	Android 9 or higher
Internal Memory	16 GB eMMC + 2 GB DDR3, 64 GB eMMC + 4 GB DDR3 (optional)
Expansion	Support up to 128 GB micro SD card
Durability	IP65
Operating Temperature	-10°C to 50°C
Storage Temperature	-40°C to 70°C
Humidity	5% RH - 95% RH, Non-condensing
Certification	CE, FCC, RoHS, IP65



## Data Capture

Fingerprint Scanner	ISO FBI certified FAP20
Camera (optional)	5 MP FF front camera / 13 MP AF rear camera, dual LED flash
Contactless Card Reader (optional)	13.56 MHz NFC, ISO14443 Type A/B, Mifare, ISO18092 compliant
Smart Card Reader (optional)	ISO7816
Barcode Scanner (optional)	1D/2D imager
Secure Element (optional)	2 SAM slots, ISO7816
MRZ Reader (optional)	1 line: IDL, CAN, etc. / 2 lines: ID2 cards, ePP / 3 lines: eID
Thermal Printer	Paper width 80mm, Φ80mm / Zink printer (optional)

## Wireless Communications

WLAN	IEEE 802.11 a/b/g/n/ac
WWAN	LTE-FDD / LTE-TDD / WCDMA / GSM
Bluetooth	Bluetooth 4.2 BLE
GNSS	GPS / A-GPS, GLONASS, BeiDou

All data subject to modification due to ongoing technical innovations.

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