

PHYSICAL CHARACTERISTICS

DIMENSIONS & WEIGHT	260 mm x 145 mm x 29 mm - 800 grams
SCREEN	7" TFT LCD - 1280x800 HD - 400 cd/m ² - 16.7M Colors Touch Panel / Glass : <ul style="list-style-type: none"> • 0.7mm Corning Glass • GFF sensor type • Capacitive 5 Points Multi Touch • Possibility to add an extra tempered glass protection
CAMERA	5MP FF Front Camera (SP5506) 8MP AF Rear Camera (IMX219) - Option 13MP (OV13850) Dual Flash light
IRIS RECOGNITION BIOMETRY (Optional)	Front Camera replaced by 2.4MP FF IR Camera (IMX132) IR LED SFH4780
BATTERY	1 x 8000 mAh - Removable battery Qualcomm Quick Charge 2 (Up to 3A charging current) Robust 2.5mm Power Jack socket for 5V/3A charger
EXTENSION AND COMMUNICATION PORTS	<ul style="list-style-type: none"> • USB type C for service port and quickcharge • USB type A host connector
AUDIO	Audio Jack: Headset with microphone - Bluetooth headset compatible - Loudspeaker 1W
SENSORS	Light Sensor - Magnetometer - G sensor - Gyroscope - Vibrator

PERFORMANCE CHARACTERISTICS

PROCESSOR	Octa Core MSM8939 @ 1.5 Ghz
MEMORY	16GB eMMC + 2GB DDR3 MicroSD TFLASH: Up to 128GB
OPERATING SYSTEM	Android 6.x (Marshmallow) FOTA (Firmware Over-The-Air capability)

WIRELESS COMMUNICATIONS

BLUETOOTH	4.0 Low Energy
WLAN	WiFi 802.11 a/b/g/n - Direct - HotSpot
WWAN	2G supported frequency bands: GSM(850), EGSM(900), DCS(1800), PCS(1900) 3G supported frequency bands: WCDMA Band 1,2,5,8 4G supported frequencies bands: LTE-FDD Band 1, 3, 7, 20, 28 A&B LTE-TDD Band 40
LOCATION	A-GPS (GPS/GLONASS/BEIDOU) with Active Antenna Option: High Accuracy/sensitivity module NEO-M8N

IDENTIFICATION MODULES (OPTIONAL)

CONTACTLESS CARD READER	<ul style="list-style-type: none"> • NFC: NXP IC on board (PN548C2) • HID iCLASS SE: SE3200B
SMARTCARD READER	<ul style="list-style-type: none"> • ACS: ACM38-A3 Rev2
MRZ-OCR ID3 READER (Optional)	<ul style="list-style-type: none"> • Elyctis: ID BOX ONE
SECURE ELEMENT	<ul style="list-style-type: none"> • SAM socket (SWP IF with NFC IC) • P61N1M3 (NFC IC) • Option: Secure Boot and Execution

FINGERPRINT READER (OPTIONAL)

FINGERPRINT MODULE (With MRZ-OCR option)	<ul style="list-style-type: none"> • Next Biometrics: NB-2023-S2 • Crossmatch: TCETD1 or TCETC1 (FIPS-201)
FINGERPRINT MODULE (Without MRZ-OCR option)	<ul style="list-style-type: none"> • Futronic: FS81H or FS89H (FIPS-201) • Dermalog: LF1 or F1 • Suprema: MiniBio Slim2 • Morpho: CBM

BARCODE READER (OPTIONAL)

MODULE (Optional)	<ul style="list-style-type: none"> • AD002A • SD-MG1S02
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