

## PHYSICAL CHARACTERISTICS

<b>DIMENSIONS &amp; WEIGHT</b>	260 mm x 145 mm x 39 mm - 980 grams
<b>SCREEN</b>	7" TFT LCD - 1280x800 HD - 400 cd/m <sup>2</sup> - 16.7M Colors Touch Panel / Glass : <ul style="list-style-type: none"> <li>• 0.7mm Corning Glass</li> <li>• GFF sensor type</li> <li>• Capacitive 5 Points Multi Touch</li> <li>• Possibility to add an extra tempered glass protection</li> </ul>
<b>CAMERA</b>	5MP FF Front Camera (SP5506) 8MP AF Rear Camera (IMX219) - Option 13MP (OV13850) Dual Flash light
<b>IRIS RECOGNITION BIOMETRY (Optional)</b>	Front Camera replaced by 2.4MP FF IR Camera (IMX132) IR LED SFH4780
<b>BATTERY</b>	1 x 16000 mAh - Removable battery Qualcomm Quick Charge 2 (Up to 3A charging current) Robust 2.5mm Power Jack socket for 5V/3A charger
<b>EXTENSION AND COMMUNICATION PORTS</b>	<ul style="list-style-type: none"> <li>• USB type C for service port and quickcharge</li> <li>• USB type A host connector</li> </ul>
<b>AUDIO</b>	Audio Jack: Headset with microphone - Bluetooth headset compatible - Loudspeaker 1W
<b>SENSORS</b>	Light Sensor - Magnetometer - G sensor - Gyroscope - Vibrator

## PERFORMANCE CHARACTERISTICS

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

## WIRELESS COMMUNICATIONS

<b>BLUETOOTH</b>	4.0 Low Energy
<b>WLAN</b>	WiFi 802.11 a/b/g/n - Direct - HotSpot
<b>WWAN</b>	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
<b>LOCATION</b>	A-GPS (GPS/GLONASS/BEIDOU) with Active Antenna Option: High Accuracy/sensitivity module NEO-M8N

## IDENTIFICATION MODULES (OPTIONAL)

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

## FINGERPRINT READER (OPTIONAL)

<b>FINGERPRINT MODULE</b>	<ul style="list-style-type: none"> <li>• Futronic: FS81H or FS89H (FIPS-201)</li> <li>• Dermalog: LF1 or F1</li> <li>• Suprema: MiniBio Slim2</li> <li>• Morpho: CBM</li> </ul>
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## BARCODE READER (OPTIONAL)

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