

# access<sup>ER</sup> e-ID



## PHYSICAL CHARACTERISTICS

<b>DIMENSIONS &amp; WEIGHT</b>	210 mm x 79 mm x 17.2/28 mm (LxWxD)   317 grams including battery
<b>SCREEN &amp; TOUCH PANEL</b>	5.0" HD screen (1280x720)   Capacitive touch panel   Touch Panel Glass: Corning Gorilla Glass 3
<b>CAMERA</b>	Front camera: 5MP   Rear camera: 13MP Autofocus
<b>EXTENSION, SENSORS &amp; COMMUNICATION PORTS</b>	1 Micro SD slot   2 Nano SIM/USIM slots (ISO7816)   1 USB 3.0 Type C   2 Pogo Pins for Charging   Speaker   Microphone   Receiver   Power Key   Volume Key Up & Down   3 Programmable Keys   Gyroscope   e-Compass   Light Sensor   Accelerator
<b>BATTERY</b>	3.85V   4000 mAh exchangeable battery   Support QC3.0 Quick Charge Battery Life: to 8-12 hrs or more (Typical) depending on use case

## PERFORMANCE CHARACTERISTICS

<b>PROCESSOR</b>	Octa Core @ 2.2 GHz   Qualcomm SDM660
<b>MEMORY</b>	4 GB RAM   64 GB Flash   Up to 64 GB via the Micro SD Slot
<b>OPERATING SYSTEM</b>	Android 10

## USER ENVIRONMENT

<b>IP SEALING</b>	IP67
<b>TEMPERATURES &amp; HUMIDITY</b>	Operating Temperature: Battery in charging mode > 0°C to +45°C   Battery in discharging mode > -20°C to +50°C Storage Temperature: -20°C to +50°C   Humidity: 5% to 85% (non-condensing)
<b>DROP SPECIFICATION</b>	Multiple drops from 1.2m   Compliant MIL-STD-810G

## WIRELESS COMMUNICATIONS

<b>BLUETOOTH</b>	BT 5.1
<b>WLAN</b>	WiFi (2.4 GHz - 5 GHz)   802.11 a/b/g/n/ac
<b>WWAN</b>	GSM   GPRS   EDGE supported frequency bands: 850 - 900 - 1800 - 1900 MHz 3G supported frequency bands: UMTS B1 (2100) - B2 (1900) - B4 (1700) - B5 (850) - B8 (900) 4G supported frequency bands: LTE B1(2100) - B2 (1900) - B3 (1800) - B4 (1700) B5 (850) - B7 (2600) - B8 (900) - B17 (700) - B20 (800) - B26 (850) - B28 (700) - B38 (2600) - B39 (1900) - B41( 2500) - B19 (800)
<b>INTEGRATED GPS</b>	GPS   A-GPS   GLONASS   BeiDou   GALILEO

## INTEGRATED RFID & IDENTIFICATION MODULES

<b>SECURE ELEMENT</b>	P73N2MP (NFC IC)   SIM/USIM socket (SWP IF with NFC IC + ISO7816 IF with CPU)
<b>FINGERPRINT</b>	Integrated Biometrics FAP30 'Danno' Fingerprint <ul style="list-style-type: none"> <li>• FBI   Imager Certifications - PIV 071006 - FIPS201 - FAP30   Certified to Mobile ID requirements</li> <li>• Speed - Min frame rate &gt; 10fps</li> <li>• Resolution - 500ppi   Grayscale : 256 grayscale dynamic range</li> <li>• Image Size : 400x500 pixels</li> <li>• Supported Image Formats : RAW - JPEG2000 - BMP - PNG - WSQ (FBI-approved)</li> <li>• Quality Scoring : NFIQ v1 supported</li> <li>• Platen Size : 21.52 mm x 26.6 mm / 0.85" x 1.05"</li> <li>• Sensing Area : 20.32 mm x 25.4 mm / 0.8" x 1.0"</li> </ul>
<b>ANDROID NFC READER</b>	NXP IC on board (NQ330 : PN553 + P73N2M0)   Compliant with ISO14443 A/B and ISO15693

## BARCODE READER

<b>IMAGER</b>	Imager 2D Honeywell N6603
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## REGULATIONS

<b>CERTIFICATION</b>	EU : certification CE   US: certification FCC   Canada : ISED /IC
<b>HS-CODE</b>	8471300000