| | | | | | |
|---|---|---|---|---|---|
| 1D & 2D | Android 11 | 8.0" screen | Megapixel | Laser aimer | Touchscreen |
| USB-C | Micro SD | Camera | 7200 mAh | IP65 | 4G |
| WIFI Dual Band | Bluetooth 5.1 | NFC | GPRS | Location | Warranty 2 Years |

## FG80 Libra II 4G

Speedata

## Features

### Supports.
1D and 2D barcodes.

### Software.
Built on Android 11.

### Display.
8.0 inch (1920 x 1200) 5 point capacitive touch screen.

### Processor.
Octa core 2.0GHz CPU.

### Memory.
4GB RAM and 64GB ROM memory.

### Offers.
WiFi 802.11 a/b/g/n (2.4GHz & 5GHz), Bluetooth 5.1 BLE, GPS, camera, NFC, GSM, WCDMA.

## Suggested industries

| | | | | |
|---|---|---|---|---|
| Retail | Warehousing | Logistics | Hospitality | Industrial |

## Data Capture

| | |
|---|---|
| Barcode scanning | All major 1D and 2D symbologies |

## Performance

| | |
|---|---|
| Operating System | Android 11 |
| Processor | Octa-core 2.0GHz |
| Memory RAM | 4GB |
| Memory Flash | 64GB |

## Physical

| | |
|---|---|
| Audio | Front speakers, volume 90db ± 3db (test distance 10cm) |
| Battery Type | 7200 mAh |
| Camera | Rear camera 13MP AF, High light LED flash, Front camera 8MP FF |
| Dimensions (mm) | 253 x 136 x 14.2 mm |
| Display | 8.0" (1920x1200) IPS highlight screen |
| Expected Charge Time | PE fast charging, full charge time < 4h |
| Interfaces | Nano SIM*2 or Nano SIM*1/ Micro SD*1, up to 512G Micro PSAM*1(optional); USB TYPE-C port; supports OTG Fast charging 5V/9V 1.67A, 8Pin contact |
| Keypad | 1 Power key, 2 Volume keys, Scan key (default), 12 Numbers |
| Notifications | Sound, vibration, LED |
| Touch Panel | 5-point capacitive touch screen |
| Weight | 650g |

## Wireless

| | |
|---|---|
| WWAN RADIO | FDD-LTE:B1/B3/B5/B7/B8/B28A; TDD-LTE:B34/B38/B39/B40/B41; WCDMA:B1/B2/B5/B8; GSM:B2/B3/B5/B8; CDMA:BC0 |
| WLAN RADIO | IEEE 802.11 a/b/g/n/ac 2.4GHz/5GHz dual band; supports fast roaming |
| WPAN RADIO | Bluetooth 5.1 BLE |
| RFID | Supported protocol: ISO14443A/B, ISO15693; Reading distance: 0~5cm |
| GPS | GPS+BD+GLONASS |

## Environmental

| | |
|---|---|
| Operating Temperature | -20°C to 55°C |
| Storage Temperature | -30°C to 70°C |
| Humidity | 5%-95% (non-condensing) |
| Electro Static Discharge (ESD) | ± 15kV air discharge , ±8kV contact discharge |
| Drop | Six sides can stand the impact of 1.5m drop to concrete floor |
| IP Rating | IP65 |

## Certifications

| | |
|---|---|
| Hardware | CE, FCC, ROHS, UN38.3, MSDS |

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## Warranty

| | |
|---|---|
| Standard | 2 years |

## UHF RFID (Optional)

| | |
|---|---|
| Reader | Impijn E310 or E710 UHF RFID module |
| Frequency | Euro frequency (865-867MHz) |
| Protocol | EPC Class 1 Gen 2 (ISO 18000-6C) |
| Read Range | Indoor environment: >3m-12m, Outdoor: >1.5-6m |
| Read Rate | ≥200 tags/sec |
| Antenna | 1.5dBi Ceramic antenna (Circular polarization) |

## Fingerprint (Optional)

| | |
|---|---|
| Capacitive fingerprint module | Crossmatch TCS1G module with FBI certificate; Pixels 256*360, Resolution 508DPI; supports collection and identification |
| Optical fingerprint module | Morpho CBM-E3, 500DPI, 256 Grey Level |

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