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

Feel free to contact us or a partner near you

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