

Technical specifications



Model Name	FG60
OS	Android 11
CPU	Octa-core 2.0GHz
RAM+ROM	6GB+128GB
Battery	Swappable 4700mAh lithium-ion polymer battery(4700mAh, 3.85V) Swappable 6500mAh lithium-ion polymer battery(4700mAh, 3.85V)(Optional) Continuous use: over 12 hours (depending on userenvironment) Charging time: 4700mAh--2.5 hours 6500mAh--3.5 hours (charge device by standard adaptor and USB cable)
Display	6-inch IPS 1080*2340 notch screen
Touch Panel	5multi-touch panel, gloves and wet hands supported
Front Camera	8MP FF
Rear Camera	13MP AF with Flash
Audio	MIC, Receiver, Dual loudspeaker(2W), Support voice call
Sensor	Proximity sensor, light sensor, accelerometer sensor
Indicator LED	Power, charging, status indicator
Vibrator	Support
Card slot	2 slots for Nano SIM Card, 1 slot for Micro SD Card
Interfaces	USB Type-C(USB 3.0, OTG)
Dimensions	163*79*144mm/6.42*3.11*5.67 in
Weight	580g/20.45oz. (With battery)
Expansion	Supports up to 256 GB Micro SD card
Keypad	Power, 2 scan keys, volume +/-,Pistol grip key
SDK	Software Development Kit
Language	Java
Tool	Android Studio
Operating Temp.	-4°F to 131°F/-20°C to 55°C
Storage Temp.	-22°F to 158°F / -30°C to 70°C
Humidity	5% RH - 95% RH non condensing
Drop Specification	Multiple 1.8m / 5.9 ft. drops to the concrete across the operating temperature range
Sealing	IP65 per IEC sealing specifications
ESD	±15 KV air discharge, ±8 KV conductive discharge
WWAN	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 5G-NR:N1/N3/N28A/N41/N77/N78/N79
WLAN	IEEE 802.11 a/b/g/n/ac 2.4G 5G dual frequency(Wi-Fi 5); Fast roaming: PMKID caching, 802.11r, OKC
Bluetooth	BT5.1
GNSS	GPS, GLONASS, BeiDou

UHF RFID	Reader : Impinj 2000 Frequency : China (920-925MHz),North America (902-928MHz) Euro frequency (865-867MHz) Protocol : EPC Class 1 Gen 2 (ISO 18000-6C) Antenna : 4dBi four-arm spiral antenna(Circular polarization) Power : Standby power consumption is about 0.25W, maximum 7.5W (typical 7W) Read Range : indoor > 16m,outdoor environment >8m Read Rate : ≥200 tags/sec
Frequency	13.56MHz
Protocol	ISO/IEC 14443A/B, 15693, MIFARE 1K/4K
Range	0~5cm depends on different tags
2D barcode Scanner	Newland CM60
1D Symbologies	EAN13, EAN8, UPCA, UPCE, Code 128, Code 39, Codabar, UCC/EAN128, RSS, ITF, ITF14, ITF6, ISSN, ISBN, Standard 25, Matrix 25,Industrial 25, Plessey, MSI Plessey, Code 11, Code 93, etc.
2D Symbologies	PDF417, Micro PDF417 , QR Code, Micro QR , DataMatrix, AZTEC, Han Xin,Maxicode, Composite, etc.
Other	Australia Post, China Post, Japanese Post, KIX Code, USPS Planet/Postnet/Inteligent Mail, OCR-A, OCR-B, etc.
certificate	CE、GMS、UN38.3、RHOS

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