



F502

INDUSTRIAL-GRADE SMART HANDHELD TERMINAL

5.5-inch HD Durable large Display · High speed Octa-core



Product parameters

Performance

CPU	Cortex-A53 Octa-core 64-bit 2.0GHz high-performance processor
RAM+ROM	2GB+16GB/4GB+64GB
Expand memory	Micro SD(TF) Supports up to 256GB
System	Android 10.0

Data communication

WLAN	Dual-band 2.4GHz/5GHz Supporting IEEE 802.11ac/a/b/g/n/d/e/h/i/j/k/r/v protocol
WWAN	2G: GSM(850/900/1800/1900MHz)
	3G: WCDMA(850/900/1900/2100MHz)
	4G: FDD(B1/B3/B4/B7/B8/B12/B20) TDD(B38/B39/B40/B41)
Bluetooth	Support Bluetooth 5.0+BLE Transmission distance 5-10 meters
GNSS	Support GPS, Galileo, Glonass, Beidou

Physical parameter

Dimensions	160.5mm x70.6mm x14.9mm (The thinnest)
Weight	< 300g (Depends on device function configuration)
Display	5.5 inch display with resolution 720 x1440
TP	Supports multi-touch, etc.
Battery capacity	Rechargeable polymer battery 3.8V 4200mAh, removable
	Standby time > 350 hours
	Working time > 12 hours, Depending on usage and network environment
	Charging time 2-3 hours, Using standard power adapter and data cable
Camera	Rear camera: 13MP Support auto focus, Flash, etc.
	Front camera: 2MP (5MP Optional)
Expansion Card slot	TF+Nano SIM/Nano SIM×2/Nano SIM (Choose one from three)
Communication interface	Type-C USB x1, Support OTG function
Audio	Speaker (mono), Microphone, Receiver
Keypad	Power key, Volume +/- key, Scan key x2
Sensors	Gravity sensor, Light sensor, Proximity sensor, Vibration motor

Language/input method

Input	English, Pinyin, Handwriting input, Support soft keypad
Language	Language packs in Simplified Chinese, Traditional Chinese, English, Korean, Japanese, etc.

Data collection

Barcode scanning (Optional)

2D Scanning engine	6602, Honeywell N5703 N6703
1D Symbolgies	Code128, EAN-13, EAN-8,Code39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, China post 25, ISBN/ISSN,Code93, UCC/EAN-128, GS1Databar,HIBC, etc.
2D Symbolgies	PDF417, Micro PDF417, GS1 Composite, Aztec Code, Data Matrix, QR Code, Micro QR Code, Maxicode, Hanxin Code, etc.

NFC (Optional)

Frequency	13.56MHz
Protocol	Support ISO14443A/B, 15693 protocol
Distance	2cm-5cm

User environment

Operating temperature	-20℃ - 55℃
Storage temperature	-40℃ - 70℃
Environment humidity	5%RH - 95%RH(no condensation)
Drop specification	6 sides Supports 1.5 meters drops on the marble within the operating temperature
Rolling test	0.5m rolling for 6 sides, can still work steadily
Sealing	IP66

Accessories

Standard	Adapter x1, Data cable x1, Protective film x1, Instruction manual x1
Optional	Charging base, etc.

Special Note: Product data is for reference only and subject to change without notice.

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