

**SF817**

Android Industrial Tablet

8.0-inch HD full screen·High speed Octa- core·Android 13.0·  
Barcode scanning



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| Camera（Standard） | | |
| Rear camera | 13MP color camera/20MP color  camera(Optional)  Support auto focus,Flash, Anti-shake, Macro shooting | |
| Front camera | 5MP color camera | |
| UHF (Optional) | | |
| Frequency | 865-868 MHz((EHR) |  |
| 902-928 MHz (USA) |  |
| 920-925 MHz (CHN)  Other multinational frequency standards (can be customized) | |
| Protocol | EPC C1 GEN2 / ISO18000-6C | |
| Distance | 0—10m | |
| NFC (Optional） | | |
| Frequency | 13.56MHz | |
| Protocol | Support ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2 agreement | |
| Label standard | M1 card (S50, S70), CPU card, NFC label, etc | |
| Distance | 2-5cm | |
| ETC (Oprional) | | |
| Frequency | 5.7GHz-5.85GHz | |
| Protocol | Support GB/T 20851.1-2007 and GB/T 20851.2-2007 | |
| Distance | ≤7 m, power adjustable | |
| ID identification (Oprional) | | |
| Radio frequency technology | Comply with ISO/IEC 14443 type B standard, GA450-2003 General Technical Requirements for desktop ID card Reader, 1GA450-2003 General Technical Requirements for desktop ID Card Reader Amendment No. 1 (draft) | |
| Security module | Radio frequency technology | |
| Distance | 0-5cm | |
| Reading time | ＜1.55s | |
| Frequency | 13.5MHz±7kHz | |
| Fingerprint (Optional） | | |
| Frequency | Configure TCS semiconductor sensor with live identification technology | |
| Collection area | 11.3×12.4mm | |
| Resolution | 508 dpi, 8-bit grayscale | |
| Extraction format | ISO 19794, WSQ, ANSI 378, JPEG2000 | |
| Secure encryption | AES, DES key encryption for host communication channel | |
| Infrared (Optional) | | |
| Wavelength | 940nm | |
| Frequency | 38kHz | |
| Distance | ＞4m | |
| Protocol | DLT\_645-2007,DLT\_645-1997 | |
| User environment | | |
| Operating temperature | -20℃ - 55℃ | |
| Storage temperature | -40℃ - 70℃ | |
| Environment humidity | 5%RH--95%RH(no condensation) | |
| Drop specification | 6 sides Supports 1.2 meters drops on the marble within the operating temperature | |
| Sealing | IP66 | |
| Accessories | | |
| Standard | Adapter, Data cable, Protective film,  Instruction manual | |
| Optional | Docking station:Communication interface RJ45x1、RS232x1、USBAx2 | |
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| Product parameters | |
| Performance | |
| Octa core | |
| CPU | Octa-core 64-bit 2.0GHz high-performance processor |
| RAM+ROM | 4GB+64GB/6GB+128GB |
| System | Android 13.0 |
| Expand memory | Micro SD(TF) Supports up to 256GB |
| Data communication | |
| WLAN | Dual-band 2.4GHz / 5GHz,  Support 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 BT 5.0+BLE  Transmission distance 5-10 meters |
| GNSS | Support GPS, Beidou, Glonass, Galileo,AGPS, built-in antenna |
| Physical parameter | |
| Dimensions | 211.5 mm x 136.0 mm x 16.3 mm（The thinnest ） |
| Weight | ＜700g （Including batterry） |
| Display | 8 " ,screen resolution 1280 x 800 |
| TP | Support multi-touch |
| Battery capacity | Rechargeable polymer battery (3.8V 9000 mAh) |
| Standby time >500 hours |
| Working time > 10 hours(Depending on usage and network environment) |
| Charging time 2-3hours,(with the standard source adapter and data cable) |
| Expansion Card slot | SIM x 1,SIM/TF x1,PSAM x2(Optional) |
| Communication interface | Type-C USB x 1, OTG,USBA x2（Optional） |
| Audio | Speaker (mono), Microphone, Receiver |
| Keypad | Power key x1,Volume Side key x1,User set key x2 |
| Sensors | Gravity sensor, Gyroscope, Acceleration sensor |
| Language/input method | |
| Input | English, Pinyin,Handwriting input, Support soft keypad |
| Language | Chinese, English, Korean, Japanese, Malaysian,etc. |
| Data Collection | |
| Barcode scanning (Optional) | |
| Scanning engine | Honeywell N6703 N5703,6602 |
| 1D Symbologies | UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS,etc.  Postal Codes:USPS Planet, USPS Postnet, China Post, Korea Post, Australian Postal, Japan Postal, Dutch Postal (KIX), Royal Mail, Canadian Customs,etc. |
| 2D Symbologies | PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, HanXi,etc. |
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