

CL7202G9 8" RFID TABLET PC



Features:

- Excellent Impinj R2000 chip, UHF RFID read range up to 3-10 meters. NFC function supportable
- Android 5.1 OS (7.0 optional) , MTK quad-core CPU support heavy working
- Over-molding design, bigger screen for easier operation
- IP65 rugged, 1.2m free drop tested, applying to kinds of severe environment

Specifications:

| Functional Configurations | | Major parameter |
|---------------------------|--------------------|--|
| Basic functions | CPU | ARM Cotex-A53 Eight-core / Main frequency 1.5GHz |
| | Operating system | Android 5.1 |
| | Memory | RAM 3GB / ROM 32GB / Expansion: Supports up to 128 GB TF card |
| | Display | Size: 8inch / Resolution: 1280*800 160 degree wide Angle of view, visible under strong light Multi-touch capacitive screen |
| | Keypad | Power key, volume up, volume down ,function key F1, function key F2 |
| | 4G/3G/2G | TD-LTE, FDD-LTE, WCDMA, EVDO(CDMA2000), GSM, CDMA |
| | Wi-Fi | IEEE 802.11 b/g/n/a 2.4G/5G |
| | Bluetooth | Bluetooth V2.1+EDR/V3.0+HS/4.1 Connection range of 10m and above Support Bluetooth print, Bluetooth communication |
| | Camera | 800W front, 1300W rear, autofocus, flashlight function. |
| | Positioning module | GPS,AGPS, Beidou, positioning accuracy less than 10 meters Cold start time less than 60s, hot start time less than 3s |
| | Notification | Vibrator and Indicator LED, Speaker |

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| | Gravity sensor | Support |
| | Electronic compass | Support |
| | Light sensor | Support |
| | Proximity Sensor | Support |
| | Audio | Speaker, microphone |
| Special functions | Barcode Engine | The professional scanning engine module supports one-dimensional barcode and two-dimensional code scanning Reading mode: 1D Laser scanning, 2D CMOS camera |
| | | 2D: PDF417,QR Code(Model 1/2); DataMatrix(ECC200,ECC000,050;080.100.140),Aztec,MAXicde,LPCode,Hanxin etc. 1D: de128,EAN-13,EAN-8,Code39,UPC-A,UPC-E,Codaba,China post 25,interteaved 2 of 5,ISBN/ISSN.Code93 etc. |
| | | |
| | NFC/HF RFID | Frequency 13.56MHz ISO15693, ISO14443A |
| | UHF RFID | ISO/IEC18000-6C/ EPC Global C1Gen2 Max support 3-10m long reading |
| | Modulated infrared communication | Meet the infrared requirements of DL/ t645-1997 and DL/ t645-2007 standards |
| | Infrared laser communication | The wavelength of infrared laser emission is 980nm and the error range is 965nm ~ 995nm The carrier demodulation center frequency of the infrared receiving is 38kHz The red laser has a wavelength of 650nm The distance between the center point of the red spot and the laser infrared spot is no more than 1.5cm at 1m, no more than 2cm at 3m and no more than 3cm at 5m |
| | Security unit | For secure decryption |
| Physical interfaces | SIM card | SIM card×2 |
| | TF card | Micro SD×1 / Support TF card expansion |

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|--------------------------|---------------------|--|
| | PSAM | PSAM card×2 |
| | USB OTG | USB TYPE C×1 / USB2.0 /Support device charging function |
| Expansion | RS485 | Transfer to RS485 via USB |
| | RS232 | Transfer to R232 via USB |
| software requirement | OS | Android 5.1 / Android 7.0 optional |
| | SDK | Provide secondary development documentation for handheld devices and related (scanning, infrared, etc.) driver and SDK development package |
| Physical Characteristics | Power Consumption | Standby 72 hours / Continuous working 8 hours |
| | Temp. | Operating Temp.: -30°C ~ +55°C Storage Temp.: -30°C ~ +65°C |
| | Humidity | 5%-95% (non condensing) |
| | EMC | Comply with relevant national standards |
| | Dust & Water Proof | IP66 |
| | Drop Spec. | 1.2M Drop to concrete |
| Accessories | Battery | Replaceable and rechargeable battery, 8000mAh/3.85V Work continuously for more than 8 hours. Support USB charging. Meet GB/ t18287-2000 standard |
| | Power Adapter | General purpose power adapter 5V, standard USB interface Charging time is less than 5 hours |
| | communication cable | USB communication cable×1 |

2 Schematic diagram

2.1 Structure appearance

