

Android POS Terminal



Brief introduction:

The portable **Android POS Terminal** can be used in a variety of market applications, such as food takeaway/delivery service, hotel, taxi, lottery, bus tickets, bill payment, mobile airtime top-up/ recharge, mobile payment (deposit & withdraw), online shopping, etc.

Technology Datasheet:

| | Items | Description |
|----------------------------------|----------------------|--|
| Hardware/software /Mechanical | CPU | Qualcomm Quad-Core Cortex™-A7 1.1GHz |
| | GPU | Qualcomm Adreno™ 304 |
| | RAM | 1GB SDRAM 2GB SDRAM (optional) |
| | FLASH | 8GB NAND FLASH 16GB NAND FLASH (optional) |
| | OS | Android 7.1 |
| | Display | 5 inches color screen (720*1280) |
| | Touch screen | Multipoint capacitive touch screen |
| | Keyboard | Power key, Volume key |
| | WIFI | 2.4G (802.11b/g/n) 5G (802.11ac) |
| | Bluetooth | BT 4.0 |
| | GPS | GNSS gpsOne Gen 8B standalone assisted, XTRA |
| | Camera (optional) | 8 Mega-pixel |
| | Wireless | 2G: GSM/GPRS/EDGE 3G: WCDMA、TD-SCDMA、CDMA2000 4G: LTE: FDD/TDD |
| | Battery | 3.7 v, 5200mAh |
| | USB | USB 2.0 |

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|-----------------------|---------------------------------|--|------------|
| | External memory card | TF card | |
| | Magnetic Card (optional) | Protocol: ISO 7811/7813 Speed: 10cm/sec ~ 150cm/sec Head Life: 800 thousand times | |
| | SmartCard (optional) | Protocol: ISO 7816 Supported Card Type: CPU Card(Bank) | |
| | NFC (optional) | Protocol: ISO 14443A Read Distance: 5cm Supported Card Type: Mifare S50 Mifare S70, Mifare Ultralight CPU Card(Bank) | |
| | Dimensions | 183mm*84mm*68mm | |
| | Weight | 412g | |
| RF transmit frequency | Module A (optional) | 2G: GSM/GPRS/EDGE: B2/B5 | |
| | | 3G: Five-Band UMTS/HSDPA/HSPA+ : B1/B2/B4/B5/B8 | |
| | | 4G: Eight-Band LTE-FDD: B2/B4/B5/B7/B12/B13/B17/B25/B26 | |
| | Module C (optional) | 2G: GSM/GPRS: B3/B8 | |
| | | 3G: WCDMA/UMTS: B1/B5/B8 TD-SDCMA: B34/B39 CDMA200: BC0 | |
| | | 4G: Five-Band FDD: B1/B3/B5/B7/B8 Four-Band TDD: B38/B39/B40/B41 | |
| | Module E (optional) | 2G: GSM/GPRS/EDGE: B2/B3/B5/B8 | |
| | | 3G: Quad-Band UMTS/HSDPA/HSPA+: B1/B3/B5/B8 | |
| | | 4G: Six-Band LTE-FDD: B1/B3/B5/B7/B8/B20 Tri-Band LTE-TDD: B38/B40/B41 | |
| | Application environment | Operating temperature | -15℃ ~ 55℃ |
| | | Relative humidity | 10%~95% |
| | | Environment noise | ≤60dB(A) |

| | | |
|----------------|-------------------------|--|
| | Atmospheric pressure | 86~106kPa |
| | Frequency stability | <2.5ppm |
| | Receiver sensitivity | <-104dBm |
| | GSM protocol | ETSI GSM Phase 2+ |
| | Transmit power | <2W(GSM, EGSM), <1W(DCS, PCS) |
| GSM parameters | SIM card interface | 1.8V/2.95V Dual SIM card |
| | Antenna | Internal,50Ω impedance,3dB gain |
| Power supply | AC input voltage | 100V~240V AC 50/60Hz |
| | Power adapter output | DC 5V/2A |
| Micro Printer | Printing method | Thermal-line dot method |
| | Paper | Thermal roll paper (standard) 57*40 mm |
| | Effective Printing area | 48mm |
| | Speed | Maximum 70mm/sec(480 dot line/sec) |
| | Printing resolutions | 8 dots/mm |
| | Character | 12*24dots and 24*48 dots |
| | Number of columns | 32columns/line |
| | Printing head life | Pulse resistance:100 million pulses/dot (under our standard conditions); Abrasion resistance: paper traveling distance 50km (print ratio:25% or less) |

Key features:

- 1) Qualcomm Quad-Core solution
- 2) Multipoint capacitive touch screen
- 3) 5 inches color screen (720*1280)
- 4) Android 5.1 OS,Free SDK
- 5) Prints SMS message
- 6) Prints GPRS/ WIFI/ UMTS/HSDPA/HSPA+ message
- 7) Prints USSD message
- 8) Wifi support 2.4GHz IEEE 802.11b/g/n transceiver
- 9) Paper: Thermal paper roll, 58mm / 2inch wide
- 10) Character: 12*24 dots and 24*48 dots
- 11) Printing Head Life: Paper traveling distance 50KM

Applications:



- 1) Restaurant/Online Food Ordering/Coffee Shop/Bagel Stalls: receive order either



directly from the a website dispatch

- 2) Online shop
- 3) Banking Transactions(Mobile Payment, Mobile ATM, etc.)
- 4) Hotel
- 5) Flower Shop
- 6) Football Lottery/Betting
- 7) Airtime Top-up:
- 8) Taxi Cab Receipts/Delivery Drivers
- 9) Stock Inventory/ Asset Tracking
- 10) Bill Payment(Electricity/Water/Gas,Internet/Broadband,Insurance,Charity,etc.)
- 11) Ticket Printing (Bus ticket,Car parking Tickets,Airline ticket,Movie Ticket,etc.)
- 12) Medical Test Results printing
- 13) Taxis/cab firms/delivery drivers to receive instructions on new pickups/deliveries
- 14) Any other situation where messages need to be conveyed to a remote party