WP188

Smart Android POS terminal

wannapay
by Newland EMEA
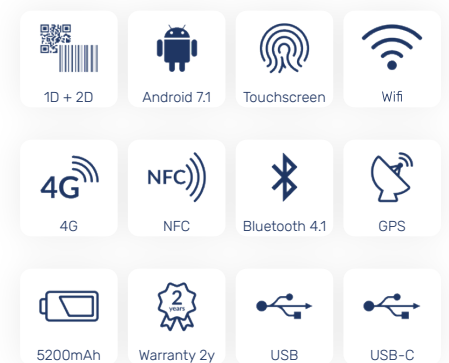

Ensure customer loyalty, secure payment and printed receipt applications all within the palm of your hand with this smart Android POS terminal.

- Android 7.1 OS
- Qualcomm MSM8909, 32-bit quad-core processor, 1.1GHz Maxim MAX32560, 32-bit security processor, 108MHz
- 5 inch 720 x 1280 TFT LCD
- Accepts bank card, membership card, payment code, mobile phone NFC, etc

- Compact size: 190mm x 82mm x 59mm (LxWxH)
- Offers 4G, WiFi, 4G, GPS, Bluetooth, camera, printer, smart card reader, magnetic card reader (optional), etc

1D + 2D	Android 7.1	Touchscreen	Wifi
4G	NFC	Bluetooth 4.1	GPS
5200mAh	Warranty 2y	USB	USB-C

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Technical information

CPU	Qualcomm MSM8909, 32-bit quad-core processor, 1.1GHz Maxim MAX32560, 32-bit security processor, 108MHz
Memory	1GB RAM + 8GB ROM (supports TF Card to extend storage up to 32GB)
Operating System	Custom Security System, based on Android 7.1
Algorithms	RSA/DES
Cellular and Wireless	1 SIM card slot, 4G FDD-LTE (with Rx-diversity): B1/B3/B5/B8/B18/B19/B26/B29B 4G TDD-LTE (with Rx-diversity): B41, 3G WCDMA: B1/B5/B8/B19
Wifi	802.11 b/g/n, 2.4 GHz, with AP mode
Bluetooth	Bluetooth 4.1, BLE
Location	GPS/GLONASS/BeiDou/Compass/Galileo
Display	5.0-inch 720*1280 pixels LCD, capacitive multi-touch screen
Printer	High-speed thermal printer, Print speed: 67.5mm/s Paper roll 58±0.5mm width, diameter 40mm
Speaker	Built-in speaker, 0.5W, sound pressure 82dB±3dB
LED	4 color indicators: blue, yellow, green, red
Keypad	Built-in randomized virtual keypad for PIN entry Physical button: power button, volume +, volume -
Camera	2MP fixed focus front camera, 1D/2D barcode scanning 5MP autofocus rear camera with flash, 1D/2D barcode scanning
Microphone	Built-in microphone
Adapter	Input: 100-240V~50/60Hz 250mA Output: 5.0V = 2A (PSE certificate with Japan brand capacitor)
Contact Smart Card Reader	1 user card slot, 1.8V, 3V and 5V, ISO 7816-3 ID-1 (full-size), ISO/IEC7816, T=0 and T=1 protocol, Class A, B, C cards, 500K reads lifespan
Contactless Smart Card Reader	Build-in antenna, ISO/IEC 14443 Type A&B, Mifare Protocol, Felica Protocol Smart Card Clock Frequency: 13.56MHz
PSAM Card Reader	2 PSAM card slots, ISO7816
External Connectors	1 USB Type-C interface, 1 USB base contact interface
Battery	Lithium Ion battery, 3.7V/5200mAh (Sanyo brand cell, Typical Value)
Environment	Operating temperature: -10° C to 50° C Storage temperature: -20° C to 80° C Relative humidity: 10% ~ 95% RH (non-condensing)
Approvals	PCI5.0 certification, EMV contact L1&L2, EMV contactless L1&L2, PBOC3.0 contact L1&L2, PBOC3.0 contactless L1&L2, PBOC certification, Paypass, Paywave