



# Android Terminal

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## Newland N950

### Next Generation Android SmartPOS

With ground-breaking design and user-friendly ergonomics, N950 sets a new benchmark for Android SmartPOS terminals. Leveraging a state-of-the-art processor and high-performance chipset, N950 allows business users to seamlessly combine point-of-sale and value-added services with fast payment acceptance, by card or mobile wallet. Customer engagement takes on a whole new dimension..

- MALL
- RESTAURANT
- HOTEL
- AIRPORT
- STADIUM

### Specifications

OS

**Android 12**

Application Processor

**Cortex Quad-core A53, 2.0GHz**

Crypto Processor

**ARMv7-M security core, 192MHz**

Memory

**2GB RAM, 16GB FLASH, 3GB RAM, 32GB FLASH, 4GB RAM, 64GB FLASH, MicroSD card Optional (up to 256GB)**

Display

**5.99-inch TFT full color LCD display, resolution of 1440 x 720, with adjustable backlight, capacitive multi-touch screen, support electronic signature**

Wireless Communication

**4G / 3G / 2G, WIFI (802.11 a/b/g/n/ac), Bluetooth 2.1/5.0**

Positioning

**GPS, GLONASS, BEIDOU**

Magnetic Card Reader

**Triple track, bi-directional, conforming to ISO 7810/7811/7813**

Smart Card Reader

**EMV L1/L2, conforming to ISO 7816, 1.8V/3V/5V, synchronous & asynchronous, T=0 & T=1**

Contactless Card Reader

**EMV Contactless L1, conforming to ISO 14443 Type A/B, Mifare, Felica**

Camera

**0.3 MP front camera, support 1D/2D code payment, 2 MP front camera, support 1D/2D code payment, 5 MP autofocus rear camera with flashlight, support 1D/2D code payment, 8 MP autofocus rear camera with flashlight, support 1D/2D code payment**

Audio

**1x Speaker, 1x Microphone, support audio recording and media play**



Keypad

**Secure virtual keypad for PIN entry, 1x power button, 1x VOL+, 1x VOL-**

Printer

**High-speed thermal printer, 32lbs Paper roll diameter: 40mm  
Paper width: 58mm**

Peripheral Ports

**1 x Type C port**

Card Slots

**2 x SIM, 2 x SAM, 1 x SD**

Battery

**Li-ion battery, 7.2V/2600mAh/18.7Wh (Equal to 3.6V/5200mAh),  
Li-ion battery, 7.2V/3300mAh/23.7Wh (Equal to 3.6V/6600mAh)**

Power Supply

**Input: 100-240V AC 50/60Hz, 0.3A, Output: 5.0V DC, 2.0A**

Docking Station

**Charging base**

USB-HUB

**RS232 (RJ11), 2 x USB-A, Ethernet (RJ45)**

WL-HUB

**RS232 (RJ11), 2 x USB-A, Ethernet (RJ45)**

Dimensions

**201mm (L) \*79.8mm (W) \*62mm (H)**

Weight

**464g including battery**

Environment

**Operating temperature: 0 °C~40°C (32°F~104°F), Storage temperature: -20°C~60°C (-4°F~140°F), Relative humidity: 5%~93% (Non-condensing)**

Certifications

**PCI PTS 6.x, EMV L1/L2, EMV Contactless L1, PayPass, payWave, American ExpressPay, Discover D-PAS, UnionPay QuickPass, JCB, TQM, CE, RoHS**