

# Android Terminal

Home » Newland ME31

## Newland ME31

### Portable Classic Terminal.

A durable and easy-to-use mobile terminal, with a large capacitive touchscreen and powerful communication capability, the SP930 offers multiple solutions and business opportunities to users and satisfies the vertical applications required by today's growing market demands.

- Optional touchscreen
- Integrated contactless card reader
- High-speed thermal printer



### Specifications

OS

**Linux**

CPU

**32-bit ARM Cortex-A7 secure processor, 1.2GHz+ Secure Processor**

Memory

**256MB RAM, 256MB FLASH**

**512MB RAM, 512MB FLASH**

**MicroSD card**

Display

**2.4-inch TFT full color LCD display, resolution of 320 x 240, Resistive touchscreen, support electronic signature**

Wireless Communication

**4G / 3G / 2G, WIFI (802.11 b/g/n)**

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**

Keypad

**10 x numeric keys, 8 x function keys, 1 x power button**

Printer

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

Peripheral Ports

**1 x Type-C**

Card Slots

**1 x SAM, 1 x SIM**

Battery

**Li-ion battery, 3.6V/2500mAh/9Wh**

Power Supply

**Input: 100-240V AC 50/60Hz, 0.3A, Output: 5.0V DC, 1.0A**

Accessories

**Flexible privacy shield, Stylus**

Dimensions

**177mm(L) x 79.5mm(W) x 53mm(H)**

Weight

**330g 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, TQM, CE, RoHS**