

N86 Pro

Advanced Generation Smart POS Terminal

The N86 Pro is an advanced smart POS designed for demanding business environments. It features a 5.5-inch HD display and runs on Android 13 with a refined UI. Powered by a quad-core 2.0GHz processor, it ensures smooth multitasking and fast response. The device is built for durability, with 1.5-meter drop resistance, IP54 protection, and explosion-proof certification. It supports 5G Wi-Fi and offers flexible accessory options including a fingerprint reader, professional scanner, and charging dock—making it ideal for retail, logistics, and field services.

Features

- ▶ **Reliability**
1.5m anti-drop
- ▶ **Performance**
Quad-core, 2.0GHz, 5.5" display, Android 13
- ▶ **Compatibility**
Fingerprint, Pro scanner, Charging Base



Android 13



4G/3G/2G



BT5.0



2.4GHz + 5GHz



Anti-drop



N86 Pro Smart POS Terminal



Contactless/NFC



Magstripe Cards



IC Cards



1D&2D Codes

Specifications

OS Android 13	PIN Pad Software PIN Pad Blind PIN Supported	Adaptor USB Type C 5V/2A DC(Optional)
Processor Quad-Core 2.0GHz Processor Security Chip	Printer High Speed Thermal Printer, Up to 80mm/s	Keys 1 Power Key, 1 Shortcut key
Memory 1GB RAM + 8GB Flash 2GB RAM+16GB Flash(Optional) (Micro SD Card Supported, up to 128GB)	Peripheral Ports 1 x Type-C OTG, 1 x SD3.0; 1 x SIM + 2 x SAM, Or 2 x SIM+1 x SAM(Optional) Or 1xSIM+1xESIM+1xPSAM(Optional) DC(Optional) Audio jack(Optional)	Communication 4G/3G/2G Wi-Fi, 802.11a/b/g/n/ac, 2.4GHz&5GHz BT5.0
Card Readers Magnetic Stripe Cards Chip Cards Contactless Cards	Physical 191.8mm(L)*78.19mm(W)*71.26mm(H) 428g(Battery included)	Cameras Front:No Camera/2MP(Optional) Rear:2MP/5MP(Optional)
Battery 7.2V/2600mAh 7.2V/3300mAh	Display 5.5"HD Color Screen,1440*720 Capacitive Touch screen, Multi-Touch; 2.36" customer display, 76*284(Optional) 2.5" customer Display, 172*378, TP(Optional)	Accessories Charging Base(Optional) Scanning Module(Built-in) (Optional) Fingerprint Module(Optional) Wireless Docking Station (Optional)
Location GPS, GLONASS or BeiDou	Certifications CE,ATEX, IP54; ROHS/WEEE; EMV3.0, L1&L2, Quickpass, Paypass, Paywave, JCB, AMEX, Discover, TQM; PCI 6.X	Environmental Operating Temperature: 0°C to 50°C(Non-charge) Storage Temperature: -20°C to 70°C Relative Humidity: 5% to 95%(Non-Condensing)
Audio Built-in Speaker Mic(Optional)		